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WALLACES' FARMER AND Iowa Homestead

Good Farming *Clear Thinking* *Right Living*

Eyes Wide open for Santa Claus are the five youngsters of Lew Morris, Jr., Polk county, Iowa. From left: Brian, 6 months; Helen Louise, 5; David, 8 (slightly suspicious); Beth Ellen, 6; Martha, 2½.

Kids' Day

ONCE in a while you'll hear someone complain about the way we celebrate Christmas nowadays. "We shouldn't make so much over presents and stockings and Santa Claus," he'll say. "Christmas ought to be a solemn time—we ought to think more about its real meaning."

Probably we should. But what's wrong with the sparkling eyes and bright faces of youngsters waiting for Saint Nick? For our money, that's coming pretty close to the real spirit of Christmas.

Besides, we don't feel very solemn or glum this time of year. Matter of fact, we feel pretty good. And we hope every reader of Wallaces' Farmer and Iowa Homestead does, too—thruout the holidays and in the year ahead.

★ ★ ★ ★

Controls Or Bankruptcy? . . . Page 8

Raise Nine Pigs Per Sow . . . Page 20

They Make Money On Eggs . Page 31

Santa won't catch him unstockinged. Young Dean Monkelein, son of the Robert Monkeliens, Pocahontas county, Iowa, tacks up one of his dad's socks. That's a wrench he's using for a hammer.

DECEMBER 17, 1949

IOWA'S LEADING FARM NEWSPAPER

2 big reasons

why more and more farmers want this tractor tire

It stands to reason that day-in-day-out farm work shows farmers which tractor tire pulls better, saves time and fuel, gives longer wear.

That's why, in a survey taken across the nation, farmers everywhere voted Goodyear SUPER-SURE-GRIPS as their first-choice tractor tire—*for two important reasons.*

1 — Deeper soil penetration — greater pull. Goodyear's open center tread has *straight* deep-biting lugs. No curves to cut traction—no hooks, knobs or elbows to blunt their bite. They cut cleanly into soil, penetrate *full depth, full length.* Straight bars closer together at shoulder *wedge* the soil for firmer grip—no "plowing out" of soil at sides—exert a stronger pull—keep tractors working where other tires won't. *Twelve years' farm experience proves it!*

2 — Balanced straight-lug tread design — longer wear. Goodyear open center lugs are all *straight,* all *equal* in size and spacing. That's why every lug works equally, pulls fully, wears more evenly. This means a smoother, steadier pull—less vibration and wobble—more riding stability—plus longer life.

So why take less when you can get longer-lasting Goodyear SUPER-SURE-GRIPS *without a penny more in price?* They're America's most wanted tractor tires because farmers know they give "the greatest pull on earth"—pull where other tires won't!

We think you'll like "THE GREATEST STORY EVER TOLD"—Every Sunday—ABC Network

GOODYEAR

Super-Sure-Grip Tractor Tires

Super-Sure-Grip—T. M. The Goodyear Tire & Rubber Company

The MM UNI-MOWER

MINNEAPOLIS-MOLINE
MODERN MACHINERY

AND IT HAS MANY FEATURES . . . WE BELIEVE YOU'LL LIKE!

Optional weed cutting attachment (below) is adjustable and holds cutter bar at any uniform height above ground up to 12 inches. Cuts weeds above the tops of crops and cuts over rocky fields.

As a progressive farmer, you well realize the advantages of getting more work done in time and on time *everytime*. The MM Uni-Matic Mower was engineered to help you do more work in less time and with greater ease and safety. Satisfied farmers *everywhere* say the Uni-mower permits them to cut their hay at the *proper time*, cut their hay crop faster and easily handle even tough cutting.

Owners report that they cut up to 35 acres per day with the MM Uni-Mower equipped with a seven-foot cutter bar. Four interchangeable cutter bars of 4½', 5', 6' and 7' lengths adapt the MM Uni-Mower to *your* farming requirements. The MM Uni-Mower is easily attached to or detached from any tractor equipped with power take-off.

CHECK THESE FEATURES FOR VALUE:

Greater Flexibility: Mower mounting at the rear of the tractor completely eliminates side draft. Caster wheels follow the contour of the ground to do a more uniform job of *getting all the crop!*

Greater Rigidity: Heavy-duty "push-pull" bar keeps the sickle always in line and assures *greater* rigidity of cutter bar. Finest quality roller bearings on all major shafts and drives provide a smooth, easy cutting action.

Greater Safety: Power take-off and V-belt pulleys are shielded to provide greatest possible safety for the operator. The MM Uni-Mower, mounted behind tractor, permits the operator to see an obstruction before it is hit.

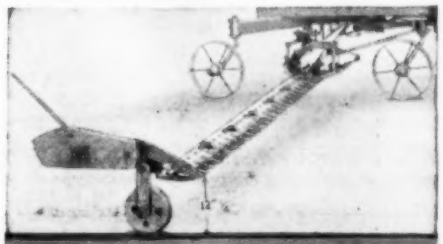
Easier Operation: Safety release spring hitch protects the mower and driving mechanism against breakage. Cutter bar mechanism automatically pivots backward if an obstruction is hit. This allows time to stop the tractor before damage can occur. Operator simply backs up the tractor and hitch automatically re-engages. V-belt protects the sickle if an obstruction is hit. The Uni-Mower is designed so that operator can easily cut square corners . . . get all the hay . . . and do a clean, fast job.

Easier, Less Costly Maintenance: Malleable sickle guards are easily replaced with one bolt. Pea Vine guards (A) eliminate clogging when heavy pea vines are cut. Stub guards (B) prevent weeds and heavy stalk and brush from clogging sickle. Rock type guards (C) prevent mis-alignment and breakage when mowing over stony ground. Uni-Mower has quick and easy adjustment features: Adjustable sickle guide (D) holds sickle in place and adjustable eccentric pin bearing (E) aligns cutter bar with pitman drive. MM's Uni-Mower has positive V-belt drive and heavy-duty "push-pull" bar.

Hydraulic Lift Linkage: Labor-saving, convenient hydraulic lift linkage available as optional equipment in place of foot lever or rope and pulley lift.

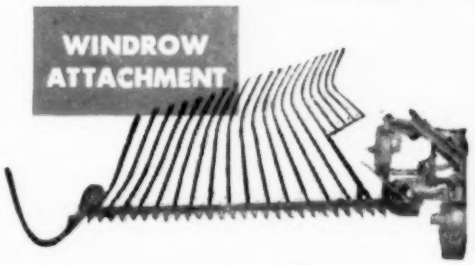
Windrow Attachment: An easily mounted windrow attachment lays a clean swath for simple, fast handling by the Bale-O-Matic, MM's modern one-man baler that automatically picks up the hay, slices and ties it into firm, square-cornered bales of a pre-selected weight.

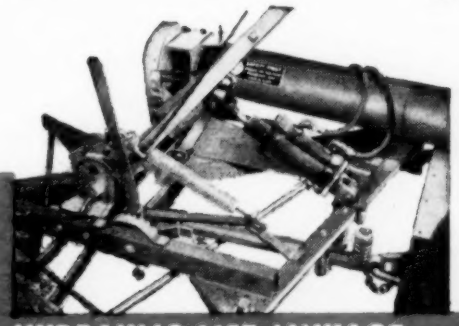
See your Neighborly, Neighborhood MM Dealer For Complete facts on the Uni-Mower and other MM Modern Machines, Visionlined Tractors and Power Units.



WEED ATTACHMENT

WINDROW ATTACHMENT





HYDRAULIC LIFT LINKAGE

MINNEAPOLIS-MOLINE

MINNEAPOLIS 1, MINNESOTA

KRAYLETS-FED TEST FLOCK LAYS 12% MORE EGGS... BRINGS EXTRA PROFIT OF 46%!

Mr. Joseph Russo of Chicadee Poultry Farm, Hope Valley, Rhode Island, who tested Kraylets for 3 months. He compared results with identically managed control flock.

KRAYLETS... the feed booster that's 80% dairy products really pays off with laying hens!

Here's the actual record of Kraylets-fed hens:

- Profit per bird—15 cents more!
- Eggs per bird—12% more!
- Feed cost per dozen eggs—4 cents less!

"I think Kraylets has a great future on the poultry farm," says Mr. Russo. "Soon after I started feeding Kraylets, I noticed egg yield in the Kraylets-fed pen started to creep up over the control pen. It was consistently higher."

KRAYLETS helps build heavier birds, too!

"After three months we found that birds fed Kraylets showed an extra profit of 15 cents per bird. This was figuring eggs at 55 cents and was based on egg production over feed costs.

"When I marketed the birds, the hens fed Kraylets were about ½ *pound heavier* than the control birds."

Easy-to-feed, no muss, no fuss!

Kraylets gives you valuable dairy products in a new form that's very easy to handle—concentrated *dry kernels!* Simply add to regular rations:

Kraylets' open formula contains 80% concentrated dairy products!

The dairy products in Kraylets are 65% cheese whey solids, 9% cheese rinds, and 6% dried skim milk. The rest of the formula consists of 14% soybean oil meal, 4% alfalfa meal (dehydrated), 1% dried brewers yeast, and 1% edible beef tallow.

Find out about profit-boosting KRAYLETS from your dealer today!

Or write:

KRAFT FOODS COMPANY
Department WF
500 Peshtigo Court
Chicago 90, Illinois

A KRAFT PRODUCT

Christmas Reading at the Earl Kerns home, Palo Alto county, Iowa. Karen, 10, reads to Gene, 1, and Roger, 4.

INSIDE STUFF

ARE YOU frightened enough of fire? Enough to have fire extinguishers, ladders, around? Enough to check up on wiring, chimneys, stoves, etc.?

▲ ▲

SOMETIMES it happens, no matter how careful you are. Mrs. Raymond Sayre, of Warren county, didn't show up at the Iowa Farm Bureau convention. She had the best reason in the world.

▲ ▲

THE SAYRES' HOUSE burned the day before the convention started. That's a hard way to begin the winter.

▲ ▲

REMEMBER Parnell Thomas? He was chairman of the Un-American Activities Committee until trouble overtook him. As chairman, he was the nation's leading witch-hunter.

▲ ▲

IF THOMAS JEFFERSON, who said the country might need a revolution every 20 years, had been alive, Parnell Thomas would have had no mercy on him. Every time Thomas found a New Dealer who had spoken civilly to a Russian, Thomas roared "Treason!"

▲ ▲

BUT IT TURNED out that Thomas had some queer habits of his own. He put two folks on his congressional pay roll. They never worked. Their whole duty was to cash the checks and turn the money back to Thomas.

▲ ▲

THOMAS DIDN'T defend himself when the Justice Department finally caught him. He refused to plead and threw himself on the mercy of the court.

▲ ▲

QUESTION: Is what Thomas did an "un-American activity"? Shouldn't he have investigated himself?

FOLKS SHOULD remember Parnell Thomas and his false alarms during the uproar over shipments of a few hundred pounds of uranium to Russia in 1943. Atomic scientists note that it took six tons of uranium to build the first small-scale atomic pile at Chicago.

▲ ▲

SAYS A FARMER in Audubon county, Iowa: "On hog supports, we'll probably have to come to subsidies, but farmers ought to quit piling fat on hogs. If a subsidy is paid, let it be on 180-225 pound butchers. Take it off the heavies."

▲ ▲

THE HORSE ASSOCIATION of America has been dissolved. Wayne Dinsmore, veteran champion of horse against tractor, will carry on as an individual.

▲ ▲

THIS MARKS the end of an epoch. Horse enthusiasts had plenty of arguments and good will for the horse to help them. But the tractor won.

▲ ▲

ROGER FLEMING, back from Washington for a Des Moines visit, said to a Farm Bureau audience: "I'm glad to see you folks filled the vacancy in the governor's office."

▲ ▲

FRIENDS of former Governor Blue didn't think this was funny. But the Beardsley faction enjoyed it.

▲ ▲

I KEEP HEARING about farm wells going dry. Sections that got a wet snow before the ground froze hard were in luck.

▲ ▲

EVERYBODY had lots of time this year before winter closed in. But did the first storm still make you say: "Why in thunder didn't I do that last week?"

DONALD R. MURPHY.

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Along with thousands of other farmers, Art Thompson, of Tama county, Iowa, has become an expert at killing weeds. But there's still a lot to be learned—about cultural control as well as about chemicals. Weeds still are major robbers of moisture and soil fertility.

We're Learning---Still

Weeds Steal Profits

But Fight On Robbers Gains Ground

BY WALLY INMAN

SIOUX FALLS, S. D.—Today's modern Iowa farmer probably knows more about weed control than even the weed experts did 15 years ago.

But he still doesn't know enough. Weeds continue to rank as one of the biggest robbers of farm profits.

That's what R. M. Salter, chief of the USDA's crops and soils bureau, told the North-Central Weed Control Conference at Sioux Falls last week.

Weed experts from 13 states and four Canadian provinces told the conference what they had learned about weed control in 1949, and gave their recommendations for 1950.

Naturally, the weed men have spent a lot of time studying chemical methods of weed control. We've tried cultural methods for years, and weeds are still with us.

But experts at the conference said today's chemicals are not the only or the final answer. They were quick to point out that the foundation stones of any good weed control program are good rotations and good farming practices, such as weed-free seed-beds, use of weed-free seed and adapted crop varieties.

Then chemicals enter the picture to solve weed problems which can't otherwise be handled economically.

What new chemicals do the experts have up their sleeves? Several new formulations of 2,4-D now being tested show promise. So do the following, which haven't yet been tested widely enough to rate general approval:

TCA (trichloroacetic acid) as an aid to cultivation or plowing in control of quack and other grasses; 2,4,5-T, an outstanding material for use alone or with 2,4-D in fighting many kinds of woody plants and brush; PCP (pentachlorophenol) compounds which appear promising for use in soybeans, tho not yet equal to dinitro sprays; PCP forms which may turn out to be useful in legume-seeded oats.

But main reliance still is placed on 2,4-D for selective weed control in either crops or pastures. An estimated 15 to 18 million acres were chemically treated last year in the 13 north-central states.

That's a lot of spraying. And it shows why today's farmer is a weed expert.

This year, the experts are paying more attention to the idea of using 2,4-D and other chemicals as helpers —instead of substitutes—for cutting, cultivation and plowing.

For example, they've found that TCA alone on growing quack grass is nothing to go wild about. But when you plow the quack first, then use TCA on the area, you can expect the kill to jump 'way up.

Another trend seems to be toward even more selective weed killers.

Three years ago, it was considered dangerous to spray flax with 2,4-D. Today it's common practice to treat many varieties.

Same thing was true with legumes a year ago. Today weed men sometimes get to the point of saying: "If you want to experiment at your own risk, and if weeds are a serious threat to stands anyway, you might try light doses of 2,4-D on ladino, alsike, red and mammoth clover."

That's still not a recommendation. But three years ago you couldn't get anyone even to mention the idea.

The experts still say: "Don't use 2,4-D on alfalfa or sweet clover." And the definite recommendation for 1950 is to use dinitro sprays if broad-leaved weeds threaten seedings.

A third new idea is to get more results for much less money by combining several operations. Here are some of the ideas being worked on:

Using 2,4-D and fertilizers together. Combining application of nitrogen fertilizer (cyanamid) with a pre-emergence treatment for weeds. Spraying for both weeds and insects at the same time. Going a step farther and combining final cultivation, 2,4-D spraying and insect control (DDT for borers, perhaps). Or fertilizing, planting and spraying at the same time.

One new idea may appeal to you, if you're bothered by grass in contoured corn. That's a pre-emergence spray for weeds when you lay your corn by.

The experts suggest using up to two pounds of actual 2,4-D per acre after the final cultivation. Then, for the next two to four weeks, grass is killed as it sprouts. Drop extensions prevent damage to corn.

Pre-emergence spraying at corn planting time still looks beautiful — when it works. But it never seems to work twice in a row because of weather, rainfall and soil differences.

Actual 1950 chemical control recommendations aren't much different from current suggestions.

This advice is always good: Since local conditions vary so much, always get the advice of your county agent, vocational agriculture teacher or an experienced neighbor if you aren't sure yourself. And follow the manufacturer's directions.

Remember, too, that it's easier to kill annual weeds the younger they are. Just the opposite holds for perennials like Canada thistle or bindweed. It's easier to hurt them with a first application near the bud or flower stage. And with later applications at the rosette stage (when they are well up and spread out like a dandelion plant).

Weather greatly affects corn's resistance to 2,4-D. So does its size—small corn appears to be tougher than corn 10 to 36 inches high.

Here are 2,4-D recommendations for other crops:

Soybeans: Don't use 2,4-D.

Legume Seedings In Oats: If you fiddle around here, you're on your own. But seedings have been sprayed with some success in tests.

Oats Not Seeded: Don't spray until six inches high. Try to get spraying done before the oats head out.

Flax: Spray as soon as weeds get a good start. You can hurt flax badly if you spray in the bud or bloom stage.

Editorials

Fight Corn Borers Harder Next Year

PROBABLY every farmer who looked over his corn fields this fall said: "I'm going to do a better job against the corn borer next year."

Federal estimates on losses back up this farm view. One estimate is that Iowa lost 140 million bushels of corn because of the corn borer.

An Iowan's first feeling may be pride when he reads this report. What a state it is to be able to lose 140 million bushels, still lead the nation in corn production, and still produce a crop above the 10-year average!

But, the next second, he is bound to think: "I could have used those extra 13 bushels per acre. Next year, I'll fight the borers harder."

But how to do it? That's why Wallaces' Farmer and Iowa Homestead is busy getting the latest facts. We're checking up on experiences of farmers, of experiment stations and of experts in other fields. Our readers will have these reports to guide them next season.

We predict that the corn borer will have a tougher time in Iowa next year.

For The Pigs

Carl Hood runs electric wires into the hog house. Hood farms in Union county, Iowa. A lot of hog houses will use electricity this winter. Electric brooders for early pigs are going to be popular again.

Stored Pork May Spoil

That's One Reason Folks Like Production Payments

PROBABLY all our readers know by this time that Wallaces' Farmer and Iowa Homestead favors production payments. But does everybody remember what a production payment is?

If the government announces that hog prices will be supported at $15, and the price actually starts to drop, there are two principal ways for the government to make good:

1. Buy and store pork until the price rises again to $15. This is risky. Pork doesn't keep well. And when a real flood of hogs hits the market, the price drops anyway.

2. Let the price drop to whatever the market will pay. Pay the difference between market price and promised price to the farmer thru a government check. No pork is stored or wasted. And the farmer gets the price promised.

THE second method is the production payment. Wallaces' Farmer and Iowa Homestead recommended this long before Aiken put it into his farm bill or Brannan put it into his farm plan.

The Iowa Farm Bureau Federation, after arguing about production payments, has passed the following resolution:

"We are unalterably opposed to the use of production payments as the *primary* method of supporting farm income. We believe such a method would be dangerous to the long-time interest of agriculture because:

"1. A large portion of the income of farmers would be dependent on congressional appropriations.

"2. It would establish in the minds of the consumers a cheap food philosophy.

"3. It would result in higher-priced foods (paid direct or thru taxes) over the long run because of the necessity of adding to the regular price of food the government overhead.

"4. It would in actuality be a consumer subsidy charged to the account of agriculture. Also, since farmers receive less than 50 per cent of the consumer's dollar, there is grave question whether the price of the product to the ultimate consumer would be materially affected.

"We do not feel that production payments are a satisfactory method of support or will accomplish the goals outlined by the advocates of this plan. On the other hand, we believe that the secretary of agriculture should be authorized to use production payments in support of perishable commodities when no other method seems practical or feasible."

THE point for farmers to note here is that the Iowa Farm Bureau Federation, like Wallaces' Farmer and Iowa Homestead, and most economists, agrees that the production payment may be useful in supporting the price of perishables.

The debate over production payments turns, therefore, on the extent to which they should be used. Should they help the government make good on its promises when market prices fall below supports? Or should they be consumer subsidies on a big scale? Or should their use fall somewhere between these two extremes?

At least, a lot of folks are now agreed that the present method of buying, storing and wasting perishables isn't working well, and that we'd better try something else. That's progress.

Fewer Cows, More Grass, Bigger Calves

YOU can save soil and get more production, too. Corn belt farmers know this. Cutting down the acreage in row crops and putting more land in grass often makes an increase in total production.

Out on the range, the same thing holds true. Some big ranchers out west have been complaining because the government won't let them put as many cattle on government range as the ranchers would like.

These cattle men should look at the experience of a big cattle company in New Mexico, reported by the Department of Agriculture.

In the eight-year period, 1926-1933, 18,819 breeding cows were grazed, to produce a 47 per cent calf crop weighing an average of 244 pounds and a total of 2,158,180 pounds per year.

Gradually, cow numbers were cut down until, in 1938-41, 6,190 cows were grazed, to produce a 91 per cent calf crop weighing an average of 445 pounds each and a total of 2,506,685 pounds per year.

Range surveys showed that this shift brought an increase of 20 per cent in forage production.

The cattle men did better, with fewer cows per hundred acres. And the land did better.

Don't think this applies only to range. Look at your own pastures. How many of them are grazed too close to produce well?

Crop-Share Versus Cash Lease

IF YOU'RE a renter, are you on a crop-share or a cash basis? Back in 1930, 45 per cent of Iowa's renters had crop-share leases. And 45 per cent had cash leases.

Declining prices burned the cash rent farmers. So, by 1939, 72 per cent had crop-share leases and only 18 per cent cash leases.

As war-time prices came along, the number of cash leases increased again. Now renters are wondering whether crop-share leases don't make more sense.

The rule is: When prices are rising, a cash lease works out best for the tenant. When prices are falling, a crop-share lease gives him a better break.

What kind of a lease do you have for 1950?

Reading For Farm Leaders

FARMERS who want to catch up with the thinking of economists on farm programs should read two books this winter. One is "Production and Welfare of Agriculture," by T. W. Schultz (Macmillan, $3.50). The other is "Future Food and Agriculture Policy," by John D. Black and M. E. Kiefer (McGraw-Hill, $3.50).

Read both books. Black and Schultz look at things from different angles. You will learn more that way.

Do You Think Corn Price Is Too High?

IT ALL depends upon where you sit. A farmer who has corn to sell feels that the loan figure is about right. But what if you have hogs and cattle to feed and need to buy more corn?

Here are some comments from Iowa hog feeders:

"The loan figure of $1.34 is 'way too high, even if a fellow gets $15 for his hogs. And, if hogs go below that, corn is 'way out of line."

"I can't buy corn at $1.34 and come out even on pigs."

Some cattle men, already worrying lest they paid too much for feeders, put the case more strongly. They think the corn loan figure is lots too high.

Of course, there is another side to the story. Few feeders are actually paying $1.34 for corn. The actual price of free corn is a good deal lower, even at the elevator. If a feeder can buy free corn direct from a farmer, the price is lower yet.

Higher corn prices right now may be checking expansion of hogs in 1950. Fewer brood sows may farrow pigs next spring. And the hog situation may be stronger a year from now as a result.

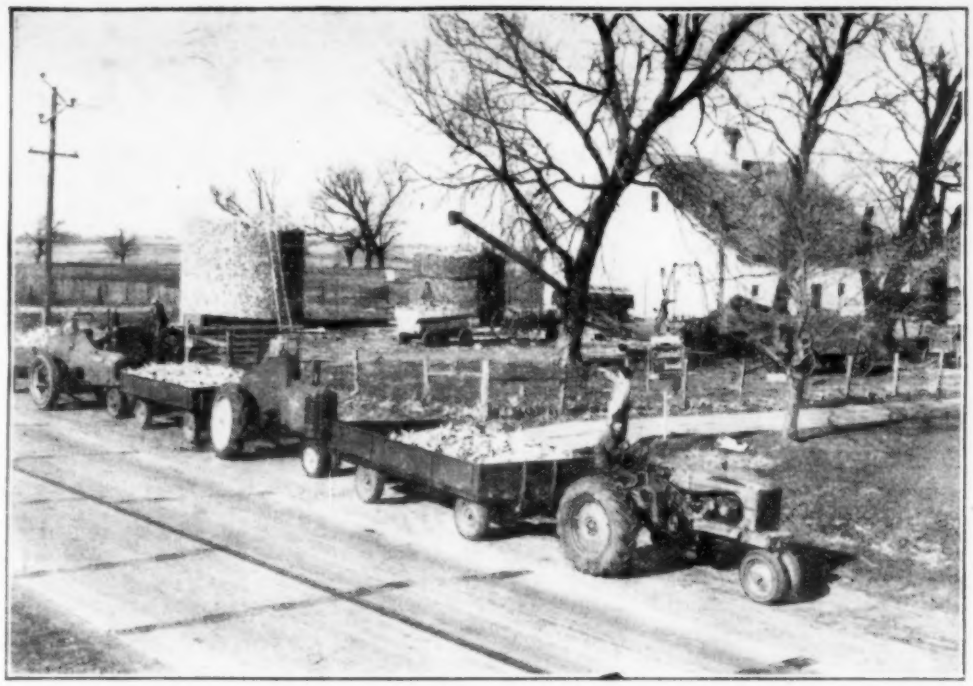
But these complaints do underline one important point: Corn and livestock must be kept in a reasonable relationship.

The new farm law says that corn loans must be made at 90 per cent of parity. It also says that hog prices may be kept as high as 90 per cent if the secretary of agriculture can manage it.

There's a lot of difference between "must" and "may."

Actually, the secretary may not be able to keep hog prices at more than 80 per cent of parity after April 1 of next year. And 80 per cent of parity may be as much as he can get for dairy products, under the present law.

The farm law must be revised to give the livestock man as good a break as the producer of surplus corn.



Corn Goes to town from the Kenneth Kalbach farm, Guthrie county, Iowa. Kalbach picked 6,000 bushels, filled up storage space, hauled some to market.

Odds *and* Ends

HAVE you bought your grass and legume seed yet? There won't be enough to go around next spring if many try to seed down the acres taken out of corn.

HAVE hog receipts passed their peak? Many farmers are getting more hopeful about January markets. But lardy hogs will probably stay cheap.

"I'LL get water in the house when my husband gets all the improvements and machinery he wants outside," says one Iowa farm woman. "But I'm afraid I'll be too old to care by that time."

A GROUP of Iowa REA cooperatives report that only 25 per cent of farms on their lines have bathrooms, while 38 per cent have water pressure systems. Maybe the other 13 per cent with water but no bathrooms will get the bathrooms next year.

ONE thing these farms do have is electric refrigerators. Three-fourths are so equipped. A renter will buy a refrigerator because he can move it. But it's harder to get a water system on a rented farm.

FOLKS drank less milk in 1949. Per capita consumption of fluid milk and cream is around 370 pounds, compared with 387 pounds in 1948. Another drop is predicted in 1950, unless pay rolls pick up.

A FARM woman in western Iowa writes: "Weather has been wonderful for getting all this down corn picked up. Maybe too favorable, for a lot of wells are going dry."

PRESENT guesses are we may have 10 per cent more hogs on hand next winter than this winter. What will that do to price? Depends on city pay rolls.

SHORTAGE of protein feed may help soybean demand next year. But bean acreage in 1950 could go very high, as cotton and corn growers shift into soybeans.

KEEP your stock water drinkable. No hog or steer ever got fat with a water tank frozen over. And milk is mostly water, anyway.

COTTON farmers are cutting acreage 20 per cent, but the rate varies by states. California, which got into cotton raising in a big way just lately, is cut 33 per cent. Alabama, which has been in cotton a long time, and hasn't expanded much lately, is cut 12 per cent.

Song of the Lazy Farmer

ONE time when I don't go away is on Mirandy's baking day. When-e'er she lays out a pie tin and flours up her rolling pin, I cancel all my plans to roam and spend the whole day right at home. No sum of cash would make me go when my wife's got her hands in dough; for one thing, her fine artistry is something wonderful to see; then too, I've known no greater joy thruout my life, as man or boy, than sniffin' odors that drift by from ovens full of apple pie. I'll bet that heaven smells the way our kitchen does on baking day.

Besides, it's fun to use my wits and give Mirandy seven fits by watchin' close so I can see where she hides new-baked pies from me; for years it's been a kind of game at which I have earned quite a name. But she keeps right on tryin' hard to catch the expert off his guard by tellin' me today's pies are for neighbors or a church bazaar, or else she sends me on the run so I ain't there when they are done. It makes no diff'rence, cuz I know each hiding place where pies might go, and so by supper, as she feared, a piece or two has disappeared.

Many new members and employes of county PMA committees in Iowa will get their first administrative experience with acreage allotments in 1950. Here, Secretary Wilma Jean Blanchard, of Polk county PMA office, practices up with aerial photos and planimeter. About 36 counties will have new photos to work with by next fall, others will have to use the old ones.

"Crop Controls Or Bankruptcy"

That's The Choice Facing Nation's Farmers, PMA Committeemen Claim

With post-war "surpluses" showing up in many farm products, state committeemen of the Production and Marketing Administration (the old AAA), had a lot to talk about when they got together for their annual conference in Memphis this month. On hand to report the meeting to readers of Wallaces' Farmer and Iowa Homestead was Associate Editor Homer Hush. Here's his story:

BY HOMER HUSH

MEMPHIS, TENN.—PMA men assembled here from every state in the Union believe that either crop control or bankruptcy is ahead in this country. But they aren't sure who is going bankrupt.

If farmers raise all they can with no restrictions, say PMA committeemen, it would bankrupt the government to support farm prices at present levels.

But they also think that if Americans should rebel at the high cost of farm supports and throw out the whole farm program, then individual farmers would go broke just as they did after World War I.

These words were not shouted from the platform. They were heard in hotel lobbies where groups of committeemen talked together.

PMA men thought controls were necessary even before they heard the experts give statistics on supply and demand. Back home, they watched supplies pile up and markets fall.

Some are so convinced that effective controls are needed now that they complain about the failure to require multiple compliance for 1950.

Under Department of Agriculture rulings, each crop stands on its own feet next year. You can plant acres taken out of corn to any crop you wish without losing corn loans.

Under this situation, PMA committeemen are wondering what will happen. Here are some questions heard on the sidelines:

"Will acres taken out of grain be put into vegetables?" asked men from New Jersey and other Atlantic coast states.

"Will acres diverted from cotton and tobacco go into corn?" wondered corn belt committeemen.

Dairy sections had a question of their own. It had to do with the notion of most people that acres diverted from grain should be turned into grass.

"If all the acres taken out of grain go into pastures and meadows," the dairy folks asked, "will there be so many cows that the market for milk and milk products will be swamped?"

PMA men say these are the biggest problems they have to face. But they have some answers, too:

"Wrap the farm program up in one package," say some. "Make every farmer comply with all crop allotments and with conservation practices before he can get loans or ACP payments."

Southern committeemen want to use marketing quotas instead of acreage allotments. "Allotments won't work," they say. "There's no teeth in them."

Many southern PMA men think multiple compliance won't be necessary if marketing quotas rather than crop allotments are used. At least, they don't want multiple compliance.

Corn belt PMA men usually are pretty quiet when southern committeemen talk about marketing quotas being the only effective controls.

They know southern farmers have had experience with quotas. They may be thinking the corn belt will have to come to them. But they don't want them.

It would be a mistake to say that PMA men are clamoring for the Brannan plan's production payment idea. The reason may be that the law won't permit its use this year, anyway — unless congress amends the law.

But men from dairy and hog areas say: "Production payments are the only answer." These men say they want to eat the surplus, not waste or destroy it.

In a talk to the committeemen, Brannan himself made it plain that he thinks PMA men have a perfect right to say what kind of farm program they want.

The secretary obviously was referring to Farm Bureau criticism of last year's PMA conference in St. Louis. At that meeting, committeemen went on record against the flexible price support program urged by the Farm Bureau.

Brannan said he knew the committeemen who do a good job of administering whatever program congress works out. "But all of us," Brannan added, "will not be 100 per cent satisfied with any legislation and will continue working for improvements."

In another obvious reference to Farm Bureau officials, Brannan said: "Leaders of some farm organizations apparently take the view that they, and only they, can speak for farmers. They seem to feel that farmers and the secretary of agriculture should be gagged and muzzled unless their voices are filtered thru the purifying plants of a particular organization.

"No person can honestly claim that he alone or his organization alone has the privilege of speaking for farmers. To do so is to sneer at democracy."

Brannan told the PMA conference that the "people of the country are concerned about the future of farm prices and income" because of a 22 per cent drop in prices in less than two years.

"The time for theorizing about postwar adjustment is past," he said. "The time for action is here. We must make the programs we have work as well as possible. We must be alert to the opportunities for improvement."

What Do You Think?

You've read here that some PMA men believe we must choose between controls and bankruptcy. Do you agree? If so, which do you prefer? Or do you think there's another alternative? We'd like to hear from farmers on this subject. Address your letters to Voice of the Farm, Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa.

Iowa Folks Visit Stock Show

Clair Hein, Boone county, who won $300 Dearborn Motors scholarship for 4-H poultry work

Dwight Nelson, Boone county, got $200 Wilson scholarship award for good citizenship.

Robert Smith, Marshall county, won Chicago trip for his soil conservation activities.

Evelyn Hoopes, Muscatine county, was awarded trip as Iowa Dress Revue award winner.

THE 50th International Livestock Exposition was an outstanding show. As usual, Iowa breeders and feeders won their share of prizes.

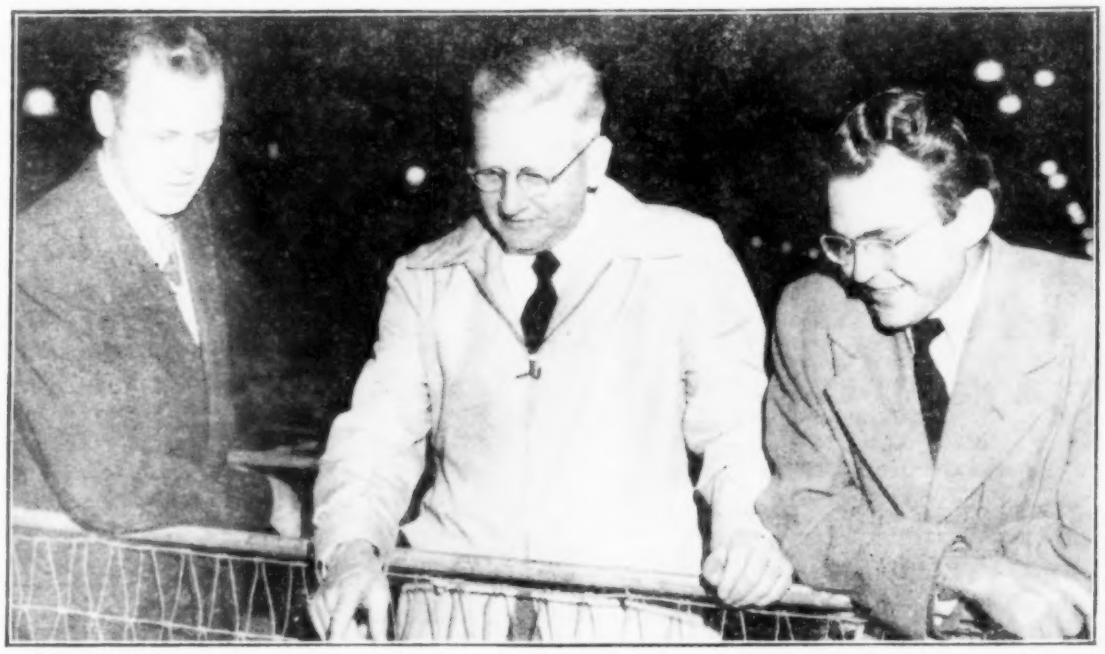
And Iowans from all branches of the livestock fraternity visited the big show. Youngsters, 4-H and FFA members, breeders, feeders, farmers, professors and Iowa State College research men helped make it a success.

Some exhibited, some judged and some just looked. The International is a great place for reunions, for renewing old friendships. The host of midwestern visitors makes Chicago, for the moment, seem like the friendly country town it once was.

Pictures on this page show a few of the Iowa folks who saw the International. In the column at the left are four of the dozens of Iowa 4-H youngsters who won trips or exhibited livestock.

Kids Like to go to International, too. This is R. S. Tate, Rock Island county, Illinois, with children, left to right, Sandra, 9, Diane, 4, and nephew, Jerry, 9. Tate raises Angus.

Two Families from Poweshiek county, Iowa, took time off to look at the champion carlots of fat cattle at the big International Livestock Show. Mr. and Mrs. O. P. Tokle are on the left. Their neighbors, Mr. and Mrs. Delmar Stewart, and son, Roger, aged 13, are on the right in this picture.



These Men represent three different phases of activity at Iowa State College—research, education and extension. Shown looking over some Iowa State College entries at the exposition are, left to right, Dean of Agriculture Floyd Andre, Professor Arthur L. Anderson and Doctor L. N. Hazel.

Schmidt Bros.' grand champion carlot of fat steers at the International Livestock Show. They were lightweight Angus. Ferd and George had raised nine of the 15 on their Clinton county, Iowa, farms, bought the others in Nebraska. They entered six carlots.

A Great Cattle Show

Iowa Feeders Win Again; Stiff Competition In International Breeding Classes

GRAND champion carlot of fat steers at the 50th International Livestock Show, in Chicago, were Angus fed by Ferd and George Schmidt, Clinton county, Iowa. Karl Hoffman, Ida county, Iowa, had the reserve champions.

And that evens up the Schmidts with Hoffman, Hereford feeder, at six wins apiece. Since 1939, either Schmidt Bros. or Hoffman has won the grand championship. Schmidts have exhibited since 1932; got their first grand championship in 1937.

To complete Iowa's domination of the feeding cattle picture at this year's show, Thos. E. Wilson Farms, Madison county, managed by B. G. Harriss, raised and fed the champion carlot of Shorthorn steers.

All in all, Schmidt Bros. entered six carlots in the three Angus weight divisions. Their championship load averaged 1,032 pounds, and included nine home-raised steers plus six purchased as calves from two ranches in Nebraska.

Hoffman's champion Herefords were his usual high-quality, well-finished TO cattle. They also were lightweight division winners. The Wilson Shorthorn champions were mediumweights, the pick of 33 Edellyn calves raised on the Madison county farm.

Other familiar Iowa names were well up in the money in various weight classes of all three breeds. They included E. F. and Harold Goecke, Marshall county, in Shorthorns; and, in Herefords, Carl Lippold & Sons, Scott county; Hugh Morris, Washington county; Lewiston Bros., Boone county; George Hoffman & Sons, Ida county, and W. H. Jargo & Sons, Dilman Wilson and Leo Harmsen, all of Clinton county.

Iowa Angus entries came from J. A. Clark, Miller Bros. and Percy Clark, of Boone county; John Williams, Sac county; Cope Fergus & Sons, Mahaska; J. F. Mommsen & Sons, Clinton, and Russell Bucks, Scott county.

Iowa did not fare so well in the individual open fat steer show, however. Both grand and reserve grand championship went to Hereford steers a long, long way from home.

The grand champion was the joint project of the Pecos county, Texas, 4-H Club of 43 members. Reserve grand champion was the entry of Chino Farms, of Church Hill, Md.

Shorthorn breed championship was won by Oklahoma A. & M. College, with the reserve ribbon going to the entry of Ohio State University.

Iowa scored only in the Angus championships, when the reserve ribbon went to Harken Farms, Clarke county. Grand champion Angus award went to a 4-H girl, Bonnie Lu Logan, Van Wert, Ohio. Her calf had previously been named grand champion of the junior feeding contest.

Iowa herds came back stronger in the Angus and Shorthorn breeding classes. Purebred cattle men put on an outstanding show of all four breeds for the 50th International. Iowa dominated the Shorthorn classes with great individuals from the Clausen Bros. and the Holz Bros. herds.

Grand champion Shorthorn bull was Killearn Max Juggler, from the Clausen Clay county establishment. Golden Rule Luxury, from the Holz Bros. Greene county herd, was the grand champion female.

Reserve champion Shorthorn bull was Gregg Farm Hoarfrost, owned by D. M. Gregg, Harrisonville, Mo. Mathers Bros., Mason City, Ill., had the reserve champion female, Leveldale Crocus.

In Polled Shorthorns, the Cherry Hill herd, Glyndon, Md., made an enviable record. Except for the grand champion female award, which went to Louis W. Thieman, Concordia, Mo., on Nonpareil Coronita 12th, Cherry Hill copped all the other championships, plus a host of blue ribbons.

In the Angus classes, El-Jon Farms, of Mahaska county, Iowa, had junior champion bull on Envious Bardolier 3d. This bull was grand champion at the American Royal earlier this fall.

Grand champ Angus bull was Eileenmere 1032d, exhibited by Ankony Farm, Rhinebeck, N. Y. Arthur Witham, Romeo, Mich., had the grand champion Angus female in Pardella, M. J. Garrett Tolan Farms, Pleasant Plains, Ill., had reserve champion female on Paulinemere 5th.

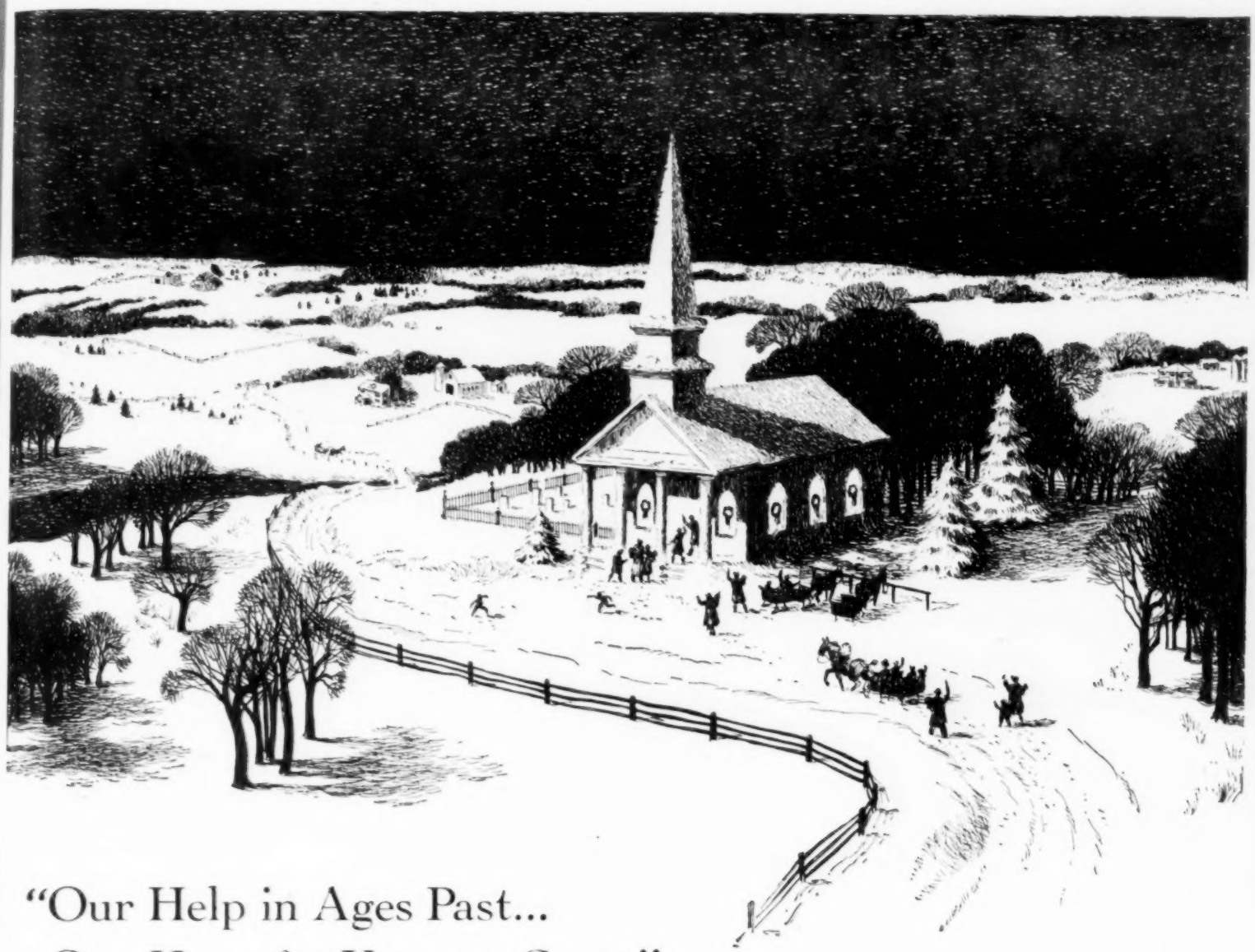
Location of the home towns of the winning Angus breeders is indicative of the volume, quality and keen competition in the Angus classes. It was one of the best shows that breed has put on in a long time.

The grand championship on bulls in the Hereford show went to Hillcrest Larry 4th, exhibited by C. A. Smith, of Chester, W. Va. Reserve bull championship went to Publican Domino 204th, from the W. J. Largent & Son herd at Merkel, Texas.

There was exceptionally high quality in the Hereford female classes. Largent's heifer, Blue Bonnet Domino 136th, was grand champion. F. W. Anderson, Morris, Ill., had the reserve champion female, CA Citationette 7th.

A more complete list of winnings in both fat cattle and breeding cattle classes, appears in the placings section, toward the back of this issue.

Iowa's Purebred Cattle industry owes a great deal to breeders like these four men, who are shown watching judging of the breeding classes at the big International. Left to right, they are: Enoch Johnson, Ida county Aberdeen Angus man; Lester Wiese, Carroll county Hereford breeder; E. T. Davis, Johnson county Angus raiser, who for 36 years was superintendent of the Swine Show at the Iowa State Fair, and Wayland A. Hopley, Cass county breeder and feeder. Many other Iowa cattle men exhibited or looked on.



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America was opened by men with God upon their minds. Their vision was prophetic, their passion was freedom. To our forefathers America was promises—promises faithfully kept in the land's lush prairies, its fish-filled streams, its rolling country rich with wood and mineral. America was man's new-found land of opportunity . . .

New Americans flocked in from the nations of the world. Fleeing religious, economic and political problems, escaping famine and despair, seeking freedom and opportunity, they came from the old countries to the new—from England, Scotland, Ireland, Wales—from Germany, Denmark, Sweden, Norway—from France, Italy, Russia, Poland—they came in their millions from these and many other countries. And they came to work in their own land, and to pray in their own churches. The land opened to these pioneers. It received their sweat and rewarded their labors. On its rich soil they raised their generations and marked their names. *Deeply in its heart, they planted their faith.*

Over the American farmland, that faith blossomed sweetly. It grew from a sapling to a great tree, which now shelters millions from storms of the spirit. Today the churches of all denominations in America give outward and visible signs of the strength and purpose within our people. And in a new time of global doubt and fear, of clouded issues and terrible distress on the continents which our forefathers left, America's churches are a source of the courage and perception we need.

Now another Christmas is over the land . . . another old year draws to its close. Joyously, at this time of spiritual accounting, churches are bright and fragrant with the faith of our fathers. Over Bethlehem the Star still burns, and if this statement may close, reverently, with a text, let it be from the writing of David, the poet, the great singer, who began as a tender of sheep, and became a king in Israel. For all of us in America today, a quotation from the Psalms is at once a rededication, and an act of faith in church and country: *"Be thou my refuge henceforth and forever, and my portion in the land of the living."*

To all our friends in America, we at Swift & Company wish a Merry Christmas and a Happy New Year.

John Holmes
President

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Livestock men threshed out their problems in annual conference opening the Iowa Farm Bureau's recent annual meeting. Playing prominent parts in the conference were (from left): Dick Stephens, Washington county, IFBF vice-president and chairman of livestock committee; Stanley Nichol, IFBF livestock director, and Bill Davidson, Cedar county Master Farmer and Farm Bureau leader.

What Farm Bureau Folks Want

Iowa Convention Takes Stand On Taxes, Schools, Farm Policy, Other Problems

WHAT do Iowa Farm Bureau folks want most in state and federal policies affecting farming? The recent state convention gave the answer in the resolutions adopted.

These resolutions grew out of township and county discussions. Following are some of the high points:

SOIL CONSERVATION: To be eligible for price supports, a producer "should be required to follow a reasonable soil conservation program, taking into consideration past farm management." Base acreage should be governed by conservation history as well as by cropping history.

FARM POLICY: "We feel that a price support program is only part of a permanent long-range farm prosperity. We, therefore, believe that more emphasis must be placed on increased consumption of agricultural products (improved diets, school lunch program, food stamp plan, etc.), more efficient processing and marketing of agricultural products, increased world trade, full employment, and a sound monetary and fiscal policy."

COUNTY ASSESSOR: "Since assessments under the new law have been made covering the next four years, we believe a careful study of the success obtained toward equalization of assessed valuations should be made during the coming year."

SCHOOL REORGANIZATION: "We favor keeping a maximum of authority and discretionary powers with the local and county boards and the people who elect them. We believe that each school district should be allowed the privilege of deciding whether or not they desire to enter the proposed reorganization plan."

ANIMAL HEALTH: Favor a more strict supervision of stock in sales barns, also better inspection of stockyards, trucks, sales barns, etc. Ask that no cattle be sold for breeding until "they have passed a negative test for brucellosis or carry a certificate showing they were calfhood vaccinated."

Negative test is urged also for breeding swine.

SPRAYING: "Inasmuch as commercial spraying (both aerial and ground) during the past two years has resulted in much dissatisfaction, owing to improper use of materials and other undesirable techniques, we urge that legislation be enacted giving the state Department of Agriculture authority to license such operators."

COOPERATIVES: "We will continue to oppose aggressively any effort to tax savings in the hands of cooperators. The savings belong, not to the cooperative, but only to the patrons, and, therefore, must be taxed in the hands of the cooperative's patrons."

AUTO SPEEDS: "We suggest that studies be undertaken to determine the desirability of establishing a maximum speed law in Iowa, and that consideration be given to suspending licenses of drivers who consistently disobey traffic laws."

FEDERAL AGENCIES: Object to such agencies expanding unnecessarily and duplicating work of other agencies, entering policy-making field, and entering partisan politics. Favor farmers electing state committee as well as county committees of PMA.

Howard Hill, of Dallas county, was re-elected president of the Iowa Farm Bureau Federation. Richard Stephens, of Washington county, continues as vice-president.

A new member of the board of directors is Ernest Schrage, of Butler county, who succeeds John Dethmers, of Hancock. Re-elected to the board were Cedric Hall, of Woodbury county; Frank Baker, of Wayne, and Marvin McLain, of Poweshiek county.

Workday Pointers

FIRST BLOW against weeds next summer is to buy clean seed this winter.

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BE REGULAR in your hours of milking, and milk fast, for highest production.

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IF YOU LEFT fertilizer in the spreader last spring, clean it out now. It often draws moisture and causes rust.

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OLD CORN COBS lying in the barnyard can be used for bedding, or they can be used to cover water-holes or icy spots in the hog and cattle yards.

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BARE SPOTS in the pasture and meadow can often be restored to good grass stands by spreading manure thinly over the areas and seeding with grasses and legumes.

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PROTEIN PERCENTAGE is not the only important point about feed, says Damon Catron, of Iowa State College. Protein quality, the APF and vitamin content are also important points.

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GERMS that cause Bang's disease (brucellosis) in cattle or hogs are responsible for undulant fever in people. Working with diseased animals may give you the disease, or it may be taken from infected milk.

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STEER CALVES or light yearlings will gain one and one-fourth pounds per day on a full feed of legume hay, and four or five pounds of shelled corn, says Harry Russell, Illinois livestock specialist.

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OLD INNER TUBES can be used to protect young trees from rabbits. Cut the inner tubes into two-foot lengths and split them up one side, if you can't get them down over the tree. Tie them loosely with twine.

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FERTILIZER can be bought now for spring use if you have the right kind of place to store the sacks. The building should be rain and snow-tight, the sacks should be above the ground, and they should not be piled more than six deep.

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CLEANINGS from the hog house should not be left in the yard where the hogs run. If near the sleeping quarters, the hogs may sleep in the old, dusty and germ-infested building. Coughs and colds may result. Old hog bedding can be used to bed cattle sheds, however, if it is not hauled direct to the fields.

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FUSE SIZES for electric wires are listed as follows by Harold Featy, Iowa State College engineer: No. 14 wire, 15 amperes; No. 12 wire, 20 amperes; No. 10 wire, 30 amperes. If fuses burn out when the above combinations are used, put in bigger wire or lighten the load on the line. Fuses are to protect the wire from overheating. Fit them to the wire size, not to the electric load.

BROOD SOWS should begin to get some alfalfa meal right after breeding, if they have not had it before.

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YOUNG OR OLD can fall and get hurt in stairways that lack hand-rails and lights. Winter is a good time to fix up the danger spots around the home.

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WHEN YOU BUY a new machine, consider the safety angle for the folks who operate it. Are moving parts covered with non-removable shields wherever possible?

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RUST MAY HIT Clinton oats in 1950. The threat comes from Race 45 of crown rust, the Iowa State College experts say. They don't recommend that you quit Clinton oats. But they suggest shifting some oat acreage to Cherokee, Nemaha or Colo oats next spring if you can.

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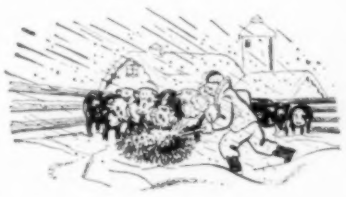
CHORES ARE EASIER behind a big grove of trees. Animals require less feed if protected from winds and blizzards, and even the house is easier to heat. If the cold



north winds hit your farm buildings directly, plan to set out a windbreak next April. If you get the plans made now, and the order in for trees, you won't be able to make the excuse next April that you are "too busy this spring." This is one thing that it never pays to put off.

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HERE'S THE WAY to get a simple, easy-to-keep farm record book that will save you money at income tax time: Send 50 cents to the following address: Income Tax Editor, Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa. The book, with a free income tax booklet, will be sent to you by return mail.

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REPAIR COST on tractors used 550 hours per year was 1 cent an hour for the first year and 21 cents per hour for the ninth year, in an Illinois test. It would figure out to be $5.50 repair cost for the first 60 nine-hour days and $115.50 for the 60 days' work in the ninth year. Average annual repair cost was $60.50 on the 550-hours-per-year basis.

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SELF-FEEDING of gilts during gestation has proved successful if the bulky feeds in the ration are adjusted to keep the gilts in the proper condition. Oats and alfalfa meal are the bulky feeds commonly used. Put in enough corn and mixed protein feed to keep the gilts gaining better than a pound per day. But if a market finish begins to appear, increase the oats and hay and cut down on the corn.

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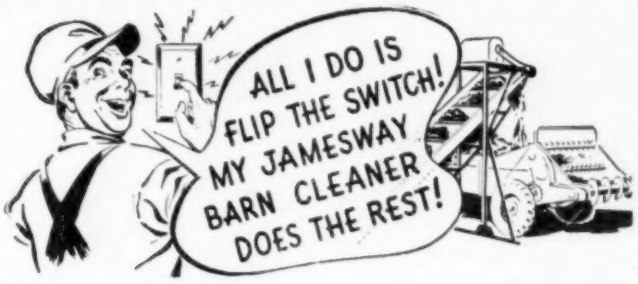

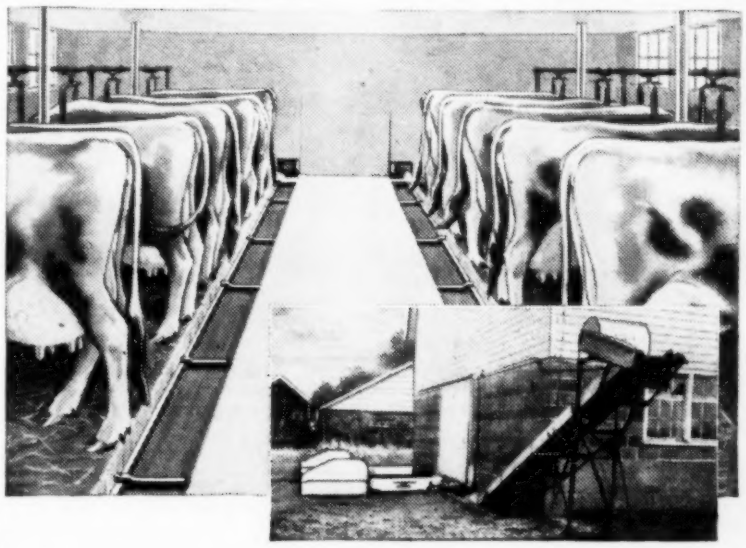

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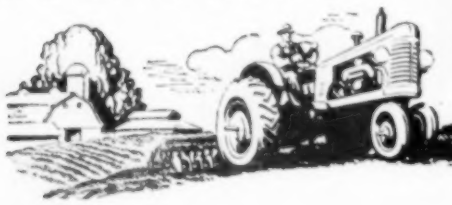


a Hawkeye Field MEANS A BUMPER YIELD

This Load of Berkshires won the hog carlot championship for young Stanley K. Swift, Marshall county, Iowa. The 27 head averaged 220 pounds, sold at auction for $25.25 per hundredweight.

Iowan Wins Carlot Hog Show

Championship Of Big Show Returns To Iowa On Load Of Lightweight Berkshires

A YOUNG hog feeder from Marshall county, Iowa, Stanley K. Swift, brought one of the International's top prizes back to Iowa. He won the hog carlot championship of the big show.

Swift's prize-winning entry was a load of Berkshires that weighed in at an average of 220 pounds. They were mostly May pigs, and had been farrowed on alfalfa pasture. Creep-feeding was started when the pigs were 10 days old. And, during the last three weeks, they were finished in the corn field. The result: A long-bodied, short-legged, meaty type hog that caught the judges' eyes.

Decision by the judges brought the carlot title back to the Berkshire breed after a two-year lapse. The 1947 and 1948 prize winners were Poland Chinas shown by Walter Schlichting, of Jo Daviess county, Illinois.

It was back in 1935 that Berkshires started their winning streak. Berkshire blood was in all carlot grand champions from then until Schlichting's Poland Chinas two years ago.

Swift's interest in Berkshires began 10 years ago, during his 4-H days. Now 23, Swift has been working with the breed ever since. Last year, he was part owner of the load which won the middleweight class.

At the sale, Swift's first-place carlot sold for $25.25 per hundredweight.

Hampshires from the Ferndale Farms, Greene county, Ohio, and Polands entered by Oscar W. Anderson & Sons, La Salle county, Illinois, won the mediumweight and heavyweight classes.

Ohio State University had the grand champion barrow of the show with a mediumweight Berkshire. Reserve champion was a heavyweight Hampshire owned by Willard Guckian & Son, of Preble county, Ohio.

Lightweight champion of the show was a Chester White shown by Callahan Bros., Iroquois county, Illinois. Grand champion pen of barrows was entered by William Allen Wright, Edgar county, Illinois. They were mediumweight Hampshires. B. Parker Newsom, Jr., Bartholomew county, Indiana, had the reserve champion pen, with mediumweight Chesters.

In individual placings, J. R. Caputo, Dallas county, Iowa, took fifth with a pen of lightweight barrows in the Duroc show.

Milo V. Wolrab, Linn county, Iowa, won third with a pen of lightweight Berkshires. In Tamworth placings, J. H. Jones, Washington county, Iowa, had reserve champion pen and second, third and fourth lightweight barrows.

Monroe D. Yoder, Washington county, Iowa, and Sellers Bros., Lucas county, Iowa, almost monopolized the Hereford hog show. Sellers Bros. had the champion barrow, with a lightweight; the reserve champion pen; won first and fourth in the lightweight class, fourth in mediumweight.

Yoder had the reserve champion barrow, which also won the mediumweight class, a fifth in lightweights, a third-place lightweight pen, second-place mediumweight pen, and third place in the five barrows get-of-sire class.

Iowans acting as judges included Wilbur Plager, who placed the Duroc Jersey and Berkshire classes, and A. L. Anderson, of Iowa State College, who placed Herefords and OIC (Ohio Improved Chester) classes.

Say Night Lights No Help To Pigs

Research at University of Illinois and University of Minnesota indicates pigs will not gain faster if they are fed under lights at night.

Minnesota hog specialists say feed required per 100 pounds of gain and the average daily gain were "almost exactly the same" with and without lights. These were winter dry-lot tests.

Illinois summer pasture tests report almost the same results.

SERVICE BUREAU

The Sign of Protection

Must Tenant Build New Line Fence?

To the Editor: I recently had to build a new line fence on the farm I rent. The lease says that the landlord furnishes fencing material. The tenant builds the fence. But no mention was made of line fences. Does it make any difference if the lease did not mention line fences?—L. D., Story County, Iowa.

We believe that unless line or partition fences are particularly excepted from the lease, that they would be covered by a lease which provides that the landlord would furnish the material and the tenant would build or repair fences on the farm.

Wants Information On Farm Loans

To the Editor: Where can I get information about loans to GI's for farming? — G. D., Sioux County, Iowa.

You should contact your local bank. The Veterans Administration does not lend money to veterans. It guarantees the lending agency a certain amount if the loan is made to the veteran.

You don't have to borrow from your local bank. You may select any lending agency. But you will probably have better luck getting a loan if you see a local concern. The VA will guarantee up to $4,000 on real estate or up to $2,000 on non-real estate, or 50 per cent of the loan, whichever is lesser.

A veteran to be eligible must have an honorable discharge and must have served at least 90 days of active duty.

His "No Hunting" Signs Ignored

To the Editor: What is the fine, and what procedure do you take when hunters ignore "No Hunting" signs and hunt on your land?—R. T., Floyd County, Iowa.

Iowa law provides that any person who shall hunt with dog or gun upon the cultivated or enclosed lands of another without first obtaining permission from the owner or occupant shall, for each offense, be fined not more than $10 and cost of prosecution, and stand committed until such fine and costs are paid.

No one can be prosecuted for such offense by anyone except the owner or occupant of the land or his agent. See Sections 714.25 and 714.27, Code of Iowa, 1946, which you may see at the office of any county officer.

How About Insurance By Mail?

To the Editor: An out-of-state insurance company has offered me thru the mail an insurance policy that looks pretty good. But I have found out the company is not registered to do business here in Iowa. What do you think of this?—O. H., Guthrie County, Iowa.

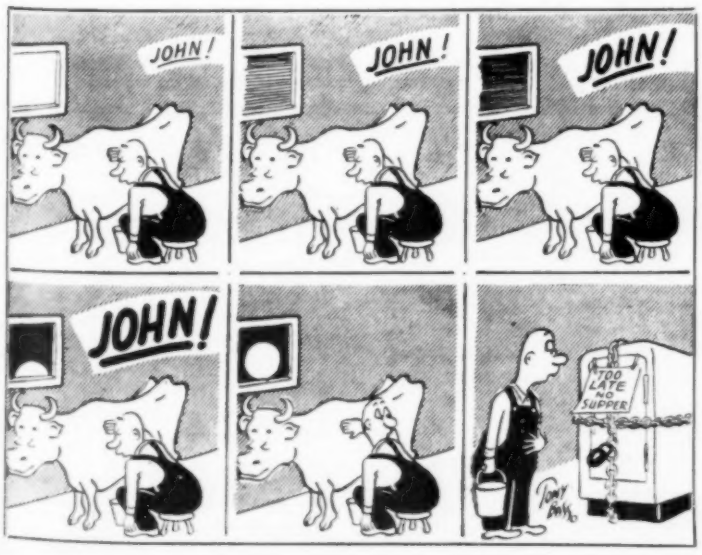
If this insurance company is not qualified to do business in Iowa, this would be insurance by mail. You would have to go to the state where the company is located to bring suit against it. Only companies which are qualified to do business in Iowa can be sued in this state.

We can't make a definite recommendation of any company. But we would recommend that your insurance needs can be met best by companies which qualify to do business in Iowa. Then they become subject to suit in Iowa if any accidents occur.

Who Will Take The 1950 Census?

To the Editor: How are census enumerators selected, and what is their pay? Where should one apply for a job as enumerator for the 1950 census, — Mrs. D. K., Webster County, Iowa.

After January 1, 1950, you may make application for the position of census enumerator to: Bureau of Census, 200 Jewett Building, Des Moines, Iowa. But plans for selection, pay and other details of the census are still being worked out.



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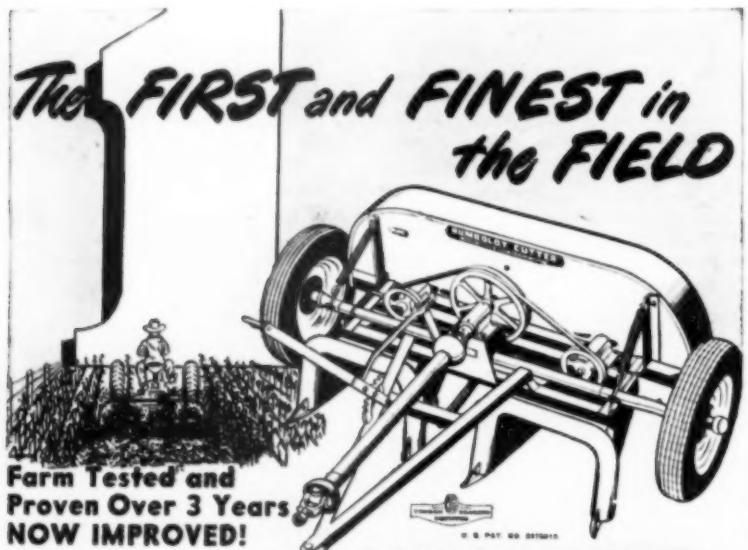

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Write for the Valuable Information Offered In The Ads

Cover on stock tank helps keep water from freezing. It's on Ralph Pennebaker farm, Henry county, Iowa. Heater gets help from closed doors at night and during daytime when stock is not drinking.

Farm and Feed-Lot

Check Hogs For Brucellosis

Before you buy a gilt or boar, check to be sure it comes from a herd free of brucellosis.

That's the advice of Dr. G. T. Woods, University of Illinois veterinarian. Even healthy-appearing hogs often have the disease and can pass it on to your herd, says Woods. Result may be sterility or abortions next year.

Before buying new breeding stock, be sure the herd has been proved healthy by at least two blood tests, made 30 to 60 days apart.

If the herd hasn't been tested, try to get it done before you buy. Or test the animals before you take them home. If they're negative, quarantine them for 30 to 60 days, then retest before you add them to your herd.

Don't Stall If Calf Comes Slow

When a calf is being born, don't wait for the cow to labor five or six hours before calling your veterinarian, says Dr. Ray Hatch, University of Illinois.

If the calf hasn't been born after an hour or so of labor, check for its position. If it's abnormal, call your vet right away.

Then, after the calf is born, disinfect the navel with iodine and dry the calf off with a sack if the cow doesn't lick it dry. And, says Hatch, take these precautions: Avoid drafts in the calf pen, have plenty of fresh, dry bedding, keep temperatures moderate.

Use Rock Phosphate With Manure?

To the Editor: I've read that some farmers, especially dairymen, spread superphosphate on top of manure in the barn. Would rock phosphate work just as well?—D. V., Fayette County, Iowa.

You can use rock phosphate. But it won't be as effective for your purpose. Rock phosphate will absorb considerable amounts of liquid manure. But it will not combine with ammonia formed in the fermentation of manure. You would still lose a lot of the nitrogen in the manure, which would escape as ammonia.

Superphosphate contains gypsum, which combines with ammonia to form ammonium sulphate, according to Prof. C. J. Chapman, University of Wisconsin. By using superphosphate, you stop nitrogen loss thru escaping ammonia and balance the plant food content of animal manure, which is relatively high in nitrogen and potash but low in phosphoric acid.

Colostrum Is Best Calf Feed

Colostrum milk is the best possible feed for a calf during its first two or three days, says Karl Gardner, University of Illinois dairyman.

Colostrum is high in antibodies which protect the calf from disease. It also has many vitamins, is fairly laxative, and is high in protein and minerals.

As for the cow, says Gardner, give her plenty of warm water right after the calf is born. Isolate her for several days, to prevent spread of disease. And don't milk her out dry for the first two or three days. Feed her lightly on concentrates at first, and take three or four weeks to bring her up to full feed.

How Much Protein In Grain?

To the Editor: Can you tell me the protein content of some of the common feed grains?—L. M., Jasper County, Iowa.

Here are the protein contents of some of our common feed grains, as given in Morrison's "Feeds and Feeding":

Barley — 12.7 per cent; corn (dent), Grade No. 2—8.6 per cent; oats—12 per cent; rye—12.6 per cent; soybeans—37.9 per cent.

Hard spring wheat from northern plains states—15.8 per cent; soft winter wheat from Mississippi valley and east—10.2 per cent.

Washington Wire

New Farm Law Takes Hold January 1

Crop Supports Stay At 90 Per Cent Of Parity, But Livestock Is Worse Off

WASHINGTON, D. C.—If you raise corn, wheat, cotton, tobacco, rice or peanuts, the government is pledged to keep your prices at 90 per cent of parity for 1950.

If you raise anything else, don't count on 90 per cent supports.

That's what the new farm law says. It goes into effect January 1, 1950.

The new year also marks a return to acreage allotments and—in the case of some crops—to marketing quotas.

Actually, nobody knows yet where supports on livestock products will be placed. It depends on how much money is available and what methods of supports are at hand.

Most guesses are that hog and dairy product supports may not go over 80 per cent.

In case you didn't know it, you have a new parity. The old parity was based on 1910-14 prices.

If a bushel of corn bought a certain quantity of shoes, groceries, farm machinery, etc., in 1910-14, then, to get parity, the present price of corn should buy just as much as a bushel bought back in 1910-14.

Now, that kind of parity got out of date pretty fast. It's a long time since 1910-14.

So the new law, like the Hope-Aiken law, changes parity to fit the price relationships of the last 10 years.

This, in theory, pulls down crop parity a little and raises livestock parity. For instance, the new parity on hogs will be around $18.80. That's up from the old parity of $17.40.

And corn, under the new parity, would be $1.46 instead of $1.54. But, actually, the new parity will not be used for basic crops, if it is lower than the old. So corn parity stays at $1.54 nationally.

These figures are 100 per cent of parity. If a farmer could be sure of 90 per cent on both, he would be comparing $16.92 hogs with $1.39 corn. That's a ratio of over 12 to 1, and there's money in it for good hog raisers.

Trouble is that, while a farmer with storage space is sure of $1.39 for corn (on a national average), he isn't sure of $16.92 for hogs.

If hogs are only at 80 per cent of parity, supports would be right around $15. And, without production payments, even that support price might not hold next fall if too many hogs are raised.

So the livestock man gets the rough end of the stick in the new law. The next session of congress will be asked to do something about it.

Hearings on the Brannan plan will be started as soon as congress gets back to work. Senator Thomas, of Oklahoma, has made the announcement.

How far he gets may depend on what is asked for. An amendment to the farm law, to provide production payments on perishables, might get a favorable vote in both houses.

But prospects for the whole Brannan plan don't look very bright. Grange and Farm Bureau are against it. So are many congressmen.

Another amendment that might have a chance is one providing soil conservation standards, rather than cropping history, as a basis for allotments.

Brannan wants this, and so do most farm groups. Difficulty is to get usable standards laid out for every farm in the country.

Efforts of Denmark to export butter to the United States has created an internal conflict in the government. The agriculture department is using legal authority at its disposal to prevent the butter from coming in. The state department and the Economic Cooperative Administration don't like it.

The state department is interested in seeing greater world exchange of goods. The ECA is interested in helping foreign countries earn more American dollars by selling more of their goods in this country.

The agriculture department is opposing the butter imports because it holds about 100 million pounds of surplus butter bought under a farm support program.

The department contends that imports of Danish butter would replace the same quantity of American butter in the domestic market. The department would have to buy the displaced American butter.

It's just another example of the long-time conflict over foreign trade policies in which agriculture often gets unjust criticism because its protection against foreign competition is out in the open, while that of industry is largely covered up thru unnoticed tariffs, patent protections and the control of capital.

Eastern newspapers are sharply criticizing the agriculture department on the butter matter.

Meanwhile, critics fail to recognize that dairy prices have dropped sharply since the post-war peak, and that prospects point to further decreases in 1950.

Latest figures show that retail prices of the different dairy products were lower than a year earlier by the following amounts: Fluid milk, 8 per cent; evaporated milk, 20 per cent, and butter, 14 per cent. Producer prices have dropped more than retail prices.

Ernest Hellwege, Kingfisher, Oklahoma, one of the outstanding 4-H Farm Youths in the nation, whose honors are so numerous it would take a book to present them properly.

Awards that stand out include: Winner of Oklahoma 4-H Leadership Contest . . . State President, Oklahoma 4-H Club, '47 . . Winner of two trips to 4-H Club Congress in Chicago . . . Delegate to 4-H Club Camp, Washington, D. C. . . . Member of Oklahoma Champion Poultry Judging Team, 1946 . . Member of Winning Livestock Judging team in Denver, 1947 . . . Winner of $900 in college scholarships.

On the basis of his outstanding 4-H record, Ernest was chosen as one of 17 members of the International Farm Youth Exchange to Western Europe in 1948.

Just as Ernest Hellwege is a "stand-out" in this business of farming, so is Champlin HI-V-I a "stand-out" among the motor and tractor oils of America. HI-V-I is a dual solvent oil, refined from premium Mid-Continent Crude, the best obtainable. HI-V-I means high-viscosity index . . . no thinning out at boiling temperatures; a rich, cleansing lubricant that flows freely, even at sub-zero temperatures!

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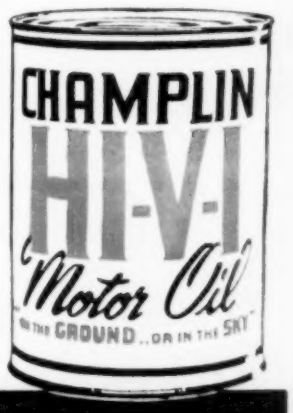

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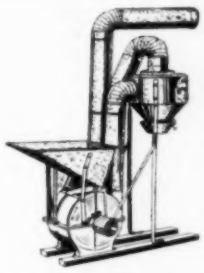

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GROW 'EM BIG **GROW 'EM FAST**

Hulled oats will do it. Produces heavy bone and muscle. Helps ward off disease. Retains their baby fat. Puts a **curl in their tail.** Right start means fast finish.
5½ to 6 months maturity makes quick profit, early markets. Hulled oats and cracked corn will do it. We tell you how. Read enthusiastic reports of owners' and proof of **time, money** and **labor saved.**

Hulls oats 40 to 60 bu. per hour; cracks corn 2 grades 50 bu. per hour. Grows quick bone and muscle all young livestock and poultry. Write for circulars, "Road to Profit or Road to Loss" and "True Picture Story of 17 Scrub Pigs." (Why waste your oats, corn, and grain crops? Process it yourself better . . . at lower cost.) **Write Dept. WF129.**
(Original)

WILLIAM GALLOWAY & SONS COMPANY, Waterloo, Iowa

"Grain King" Wins 50 Awards At One Show!

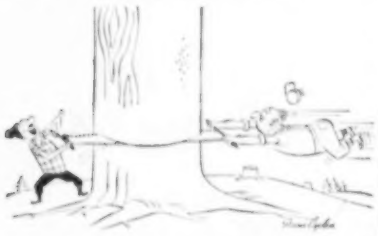
Charles Simpson Crowned "Minnesota Grain King"

Charlie Simpson is new Minnesota Grain King. Knows his cereals! Like many farm and sports champions, he's a Wheaties man! Are you getting YOUR Wheaties?

WATERVILLE, MINN.—Charlie Simpson is "fussy" with corn. Handles it with gloves—wraps ears in newspaper. It pays! His corn won Grand Champion Sweepstakes at '49 Minnesota Fair. 41 Firsts, 9 Champion and Sweeps won at show made him "Minnesota Grain King."

* * *

Winning's not new to Charlie. He won 1st on Shelled Corn at '48 International Hay & Grain Show—1st on Oats in '47. Besides grain he raises Holsteins on his 353 acres. Provides milk for his Wheaties! Charlie eats those crisp delicious flakes 4 times a week. Often tops 'em with bananas. Wonderful combination!



"What a breakfast, Mike. Bananas, cream and Wheaties!"

BORN farmer (born and raised around Waterville). Charlie's been farming since 1928. Started exhibiting in 1930. Started eating Wheaties about then, too, when a doctor suggested 'em. 100% whole wheat nourishment in Wheaties! Second-helping good, too!

How about YOU? Eating like a Champion—plenty of Wheaties? Famous training dish. Nourishing as they are good! B vitamins, minerals, protein, food energy in Wheaties. "Breakfast of Champions." Have some!

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Voice of the Farm

Wants "Hog Shooting" Stopped

To the Editor: "How's pheasant hunting been?" you ask (December 2 issue). Not so good. Not as many birds as last year. I think we should have a closed season for two years, or else stop "hog shooting" from cars.

Three other men and myself hunted a full half-day to get three roosters. But yesterday two people came along the road where I was putting in fence. They shot out of their car and got two pheasants, then drove a quarter of a mile and got another, all in less than 10 minutes.

Is this a fair deal? We farmers raise these birds and don't "hog shoot" or kill them out of season. Then the man in the car gets them the easy way.—L. W. M., Jasper County, Iowa.

Maybe we ought to outlaw all car shooting.—Editor.

Sees Some Merit In Brannan Plan

To the Editor: The lowly spud, once a staple item of diet among many people, has taken on a Queen Anne front as far as table use is concerned. Current legislation has lifted it from its Mary Ann background up to a higher plane of four cents a pound or better.

The consuming public pays the Queen Anne price and also pays for the support price. Why would it not be better to allow the spud to take its old place on the table under a free market, and then pay the producer the difference, as under the Brannan plan?

The Hoover commission, widely quoted on governmental economy, has issued a report thru its agricultural committee on "Free Market for Perishables." It says:

"The methods for supporting the price of perishable commodities, such as potatoes, puts a double burden on the consumer. He is not only required to pay a high price for the product which he consumes, but he also pays, thru taxes, the cost of carrying on the price support program.

"Under a plan which would permit a free market, greater quantities would be consumed as food, during periods of high production, thus reducing the quantities to be destroyed or diverted.

"While the cost of price support might be greater under this plan, the net cost to the national economy would be less. The committee, therefore, recommends that consideration be given to a plan which would permit a free market for perishable products, with the difference in price made up to the producer in a supplemental payment."

I would like to see more and clearer explanations of the Brannan plan placed before the public, as well as to see arguments against it carry more concise wording and figures.—L. E. Fay, Jr., Greene County, Iowa.

It's not easy to argue against production payments on perishables.—Editor.

Why Banish Farmers To Town?

To the Editor: If you're in good health, why retire at 60? How many doctors, lawyers and bankers are on the shelf at that age? How about ministers, politicians and teachers? So why put the farmer out on pasture? Or, worse yet, banish him to town?

I say build a house, or rent a nearby farm for the boy, and continue as you have been farming.

Many old people merely think they want to live in town in their old age. Then, when the opportunity comes, they are homesick, lonely, disillusioned.

So I would advise those couples of three-score to stay where they are. Just take things a little easier. Sell off surplus stock that requires too much care. Go on more vacations, see good shows, etc. But stay on the farm. — Mrs. L. G., Tazewell County, Illinois.

What about a son's desire to be his own boss?—Editor.

A Simple Account Book

HELPS WITH INCOME TAX

Two things will make income tax time easier, whether you make out your own report or hire it done:

1. Get a simple account book that lists sales and expenses as the income tax blank lists them. Then, at the end of the year, you can add the columns and transfer the totals to the income tax blank.

2. Get lists of expenses that can be deducted. Get a depreciation scale for farm buildings and machinery. Read up on income tax rules.

For 50 cents we will send you a simple account book with income tax information. As long as they last, we will also include a free income tax bulletin sponsored by the extension services of thirteen midwest states.

Send 50 cents today to: Income Tax Editor, Wallaces' Farmer and Iowa Homestead, 1912 Grand Avenue, Des Moines, Iowa, and both books will be sent to you postpaid by return mail.

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Barbed Wire • Steel Posts • Steel Trussed Gates • Blue Ribbon Bale Ties and other steel products for the farm

Handy for field work is this tank wagon made by K. Baker, Louisa county, Iowa. It has a gas storage barrel fitted with force pump and room for oil and grease. It saves a lot of refueling time.

"Shop Carefully In 1950"

Farmers Advised To Buy Things That Will Cut Labor Costs Or Boost Output

With farm income dropping off some, good management calls for careful spending. Here's the way Iowa State College Economist Francis Kutish sees the farm cost picture for 1950:

CAREFUL shopping will pay off well in 1950.

Both farm business and living costs will be down some. But not as much as incomes. So good management calls for careful study of spending.

Watch for sales—shop around. That is the best way to stretch your 1950 buying dollar. Be sure the things you buy will reduce labor costs or help boost output.

There was a time during the war when you didn't have to watch costs. Prices of things you sold were rising faster. But those days are gone. Farm incomes are getting back into more normal competitive relationship with other lines of work.

Greater efficiency in crop and livestock production, and more timely marketing, will be more important in the next few years. Good farm management still calls for full production. But not "production without regard to cost."

Here is a thumbnail sketch of the outlook for farm costs:

CHEMICALS: Supplies of chemical weed-killers should be adequate, prices unchanged to slightly lower. Supply of the new brush controller, 2,4,5-T, may not meet demand, however. Order DDT early for first borer treatment.

SEEDS: Order early. Grass seeds — especially brome grass, timothy and blue grass — are in short supply. Prospects are for higher prices. Most legumes, except sweet clover, are in ample supply. Prices are slightly below last year. Good soybean seed will be scarce by spring.

FARM LABOR: More hired help will be available in 1950. Wage rates will be slightly lower. Even so, in a year when holding costs at a minimum is especially important, use family labor whenever you can, to avoid paying cash for hired help.

FERTILIZER: Fertilizer still is a good buy. Prices are the same to slightly lower than last year. Plant capacity to store fertilizer is limited. So buy early. Rush orders at the last minute may not get filled.

FEED: Farmers who need more corn should buy soon. Corn prices are expected to approach loan levels by spring or early summer. Protein feeds will continue high compared with farm-raised grains. Oil meals may get higher by spring. Consider laying in a supply now to guarantee yourself against a boost in feed costs.

BUILDING COSTS: Don't postpone repairs on present buildings. But avoid expensive remodeling or new buildings that do not add to your income.

FAMILY LIVING: All signs point to a moderate drop in the cost of living in 1950. But, to get the most advantage from it, buy on seasonal sales—shop around. Careful shopping can net you real savings. Clothing prices are expected to continue their gradual downward trend. Look for more moderate-priced furnishings and household equipment items.

LAND: Farm land prices probably have passed their peak. There is some question how fast, or far, they will fall. It is important that any farm be "bought right," and be productive land.

Wash Udders For More Milk

Proper udder washing boosts milk output by 10 to 20 per cent, says Joe Hineman, Iowa State College dairyman.

A cow will let down her milk better if you wash and massage her udder with a warm, wet cloth just a minute or two before the milker goes on, Hineman says.

GEHL LEADS...

SINCE 1859 PRONOUNCE IT "GALE"

...sets the pace in Forage Harvesters

Find Out Why Gehl sells more forage harvesters than any other independent manufacturer . . . why thousands have switched to Gehl. You'll be amazed at the way a Gehl does the job in either windrowed hay or standing corn and other row crops.

Quality Cutting Makes the Gehl Outstanding. It cuts fast, clean and uniformly with a minimum of power. Makes silage that packs well, cures well and keeps well. This superior cutting quality is inherited from Gehl feed cutters and silo fillers . . . famous for more than half a century.

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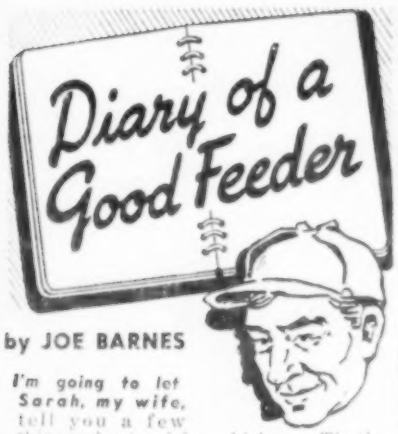

by JOE BARNES

I'm going to let Sarah, my wife, tell you a few things about raising chickens. That's a break for you because she's forgotten more about chickens than I'll ever know.

"***Hello folks,*** I'm certainly pleased to be able to chat with you.

"One night we were ready to go to a church party when I came downstairs in my new winter coat and dress. Joe (he's always kidding) blinked his eyes and said, 'Is that you Sarah . . . I thought you were some movie queen. Did you rob a bank to buy that outfit?'

"***I thought it was a good time*** to tell Joe the facts . . . showed him my bank book with a mighty nice balance and then my account book to show him how much we made on my chickens. You could have knocked him over with a feather.

"Yes, we have really made money on chickens since we learned how to raise them.

"Chickens to Joe were just a nuisance and always underfoot. But he's changed his mind now.

"***For several years,*** and I'm doing it this year, I order my chicks early and get them started early. I know it's the early birds that really pay off. Early birds make early fries at peak prices . . . and early birds mean early layers for the high priced early fall market.

"***I start my chicks*** with the right chick starter . . . a tried and true formula feed from my dealer . . . a feed that has all the vitamins, proteins and minerals my chicks need; then I follow through with a properly balanced growing ration.

"I know from experience that if I start them early and follow a balanced feeding program throughout the year, they start fast, keep coming fast and finish fast.

"***Fast starting chicks mean less loss*** from disease. My dealer told me and I believe it, that a chick only eats about a dime's worth of feed the first six weeks, yet that feed makes dollars of difference in my final profit.

"***I buy chicks*** from a reliable hatchery, produced from pullorum-tested stock . . . I thoroughly clean and disinfect my brooder houses for each new batch. I find a little 'elbow grease' at this time reduces mortality. I don't permit older birds to range with chicks and pullets . . . keep the litter dry and make sure they have plenty of clean water.

"***Well, I've got to get busy*** and start cleaning my brooder houses. Here's Ted and Alice ready to help so I better get to work while they're in the mood. Hope you get your chicks started early, too. It's been good to talk to you. If you want some good sound advice see your feed dealer."

Sincerely,

Sarah Barnes.

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Hog Men Raise Nine Pigs Per Litter

Eight Years' Records Show Litter Size Goes Up While Gains Per Day Go Down

HOW many pigs per litter can be raised under the best farm conditions? How much can pigs be made to gain per day from birth to market weights?

Records of 200 Iowa Master Swine Producers give a pretty good answer to those questions. These men are regular hog raisers who have won recognition on their pig-raising operations.

Twenty-five Master Swine Producers have been named each year for eight years. The sponsors are Radio Station WHO, Des Moines, Iowa State College, Iowa Department of Agriculture and Iowa Swine Producers Association. The awards for 1949 were given December 10.

Number of sows kept to farrow by the 1949 class of 25 men varied from eight to 12. The average herd was 17.5 sows. The record for 25 hog raisers is shown in the table below. Here are some interesting points:

Average number of pigs raised to market weights was nine per litter. Average gain per day from birth to market weights was 1.1 pounds. There were wide variations between individual Master Hog Raisers, however.

Maynard Marner, Johnson county hog raiser, sold an average of 11 pigs per litter to make the biggest record. Marner's sow herd consisted of 12 sows.

Three other 1949 Master Swine Producers marketed more than 10 pigs per sow. They were Ove Roe, Allamakee county, 10.6 pigs; Ray Peterson, Carroll, 10.3, and Ernest Daleske, Hardin, who raised 10.1 pigs per sow to market weights.

In gain per day from birth to market weights, the man who raised the biggest number of pigs per litter was first again. Marner's pigs gained 1.27 pounds per day. This compared with the average of 1.1 pounds for the 25 herds.

Pigs raised by Alfred and Marvin Gessell, Howard county, made the second largest gains per day. Their average was 1.23 pounds.

What are the trends in litter size and gains per day in the last few years? Here is what the records of eight yearly classes of Master Swine Producers indicate:

Average number of pigs per litter seems to be going up. The nine-pigs-per-sow average for 1949 is the biggest on record.

For the first three years of Master Swine Producers selections—1942, 1943 and 1944—the average was almost exactly eight pigs. So it would seem that the best hog raisers have learned how to increase litter size one pig per litter in eight years.

But in daily gains, the trend seems to be the other way. Average daily gain this year of 1.1 pounds is the smallest made in the eight years.

Smaller gain per day may be due to lighter weights at which hogs have been sold since the war.

Average market weight of hogs raised by the 1949 Master Swine Producers was 214 pounds. In 1945, the year of biggest daily gains (1.21 pounds), the average market weight was 241 pounds.

In all years when the average daily gain has been 1.17 pounds or more, the average market weight was over 230 pounds.

Master Swine Producers' records give hog raisers something to shoot at. They show that, under farm conditions, eight or nine pigs per litter can be produced. Gains can be well above a pound a day from birth to market weights. Pigs can be marketed at six to seven months of age.

Honor 25 Hog Men

Here are the names of the 25 Master Swine Producers named in 1949. "Pigs raised per sow" means number raised to market weight. "Gain per day" means gain from birth to market weight. The table was arranged by E. L. Quaife, hog specialist at Iowa State College. Awards were made at a dinner given by Radio Station WHO on December 10.

Names—Alphabetically, Not in Order of Merit	County	No. of Sows	Av. Raised Per Sow	Av. Daily Gain Per Pig
Briggs, Robert	Louisa	12	9.0	1.12
Buck, Robert, and Chas. Berdo	Washington	39	8.2	1.04
Cartwright, Dwight	Boone	14	9.1	1.09
Daleske, Ernest	Hardin	18	10.1	1.15
Davids, J. M.	Osceola	10	9.0	1.08
Davis, T. M.	Cedar	13	9.84	1.08
Doolittle, Fred and Son	Hamilton	20	8.65	1.08
Gessell, Alfred and Marvin	Howard	16	8.18	1.23
Glazebrook, Clyde	Decatur	12	9.33	1.12
Gustafson, Norman	Buena Vista	17	9.17	1.05
Hagerman, Robert	Winnebago	8	9.2	1.18
Hanneman, Harold	Winneshiek	16	9.1	1.11
Ives, Orlo L.	Johnson	17	8.7	1.16
Johnson, E. Davis	Montgomery	21	8.9	1.07
Krause, Donavon H.	Floyd	23	8.7	1.09
Marner, Maynard	Johnson	12	11.0	1.27
McWilliam, Wilise	Greene	42	8.3	1.11
Miles, Donald	Howard	16	9.37	1.03
Otto, Ernest	Bremer	14	9.27	1.13
Petersen, Ray	Carroll	9	10.3	1.11
Price, W. F. and Son	Madison	18	8.44	1.13
Roe, Ove	Allamakee	9	10.6	1.08
Shepard, John J.	Boone	24	8.62	1.03
Thomas, Horace	Pottawattamie	17	8.9	1.15
Werk, S. A., and Son	Floyd	21	9.5	1.08
Totals and Averages, 1949		438	9.0	1.104

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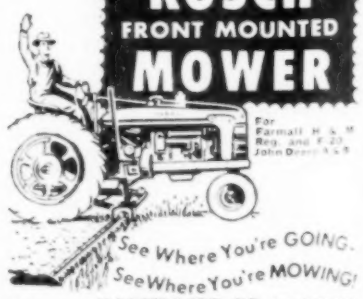

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Grand champion steer of the International Livestock Exposition was Judge Roy Bean, entered by the Pecos County 4-H Club, Fort Stockton, Texas. County Agent W. T. Posey holds the champ. At auction, the steer sold for $13,800, a new all-time record for the big show.

Girls Win Junior Beef Show

Weaker Sex And Angus Breed Monopolize The 4-H Fat Steer Awards At International

THE grand championship of the junior livestock feeding contest moved from Iowa to Ohio this year. Bonnie Lu Logan of Van Wert county, Ohio, topped the junior show with a 1,250-pound Angus junior yearling.

Twelve-year-old Betty Hartter, McLean county, Illinois, won the reserve championship with a summer yearling Angus weighing 1,015 pounds. Beryl King, of Garfield county, Oklahoma, showed the champion Hereford. Champion Shorthorn was shown by another Oklahoman, Lloyd Ruttman, of Woodward county.

Iowa's junior cattle feeders came thru with two first places:

Donna Mae Wiese, Clinton county, showed the first place Shorthorn junior calf. Robert Schmidt, also of Clinton county, showed the first place Angus senior calf.

Glenn Mommsen, Clinton county, showed his Angus senior calf, which was reserve grand champion at the Iowa State Fair. It won second in its class.

Bonnie Lu Logan's grand champion was thick, well finished, smooth. She got the calf from a neighboring purebred herd in September, 1948, at a weight of 300 pounds. For the last 12 months, the calf got cracked shelled corn, whole oats, crimped barley, supplement, and a light feed of hay.

All the champion steers this year were purebred. The reserve champion shown by Betty Hartter was a calf raised from her own cow. Two years ago, when Betty was 10, she started 4-H work with a purebred heifer project. That heifer produced this year's reserve champ of the junior show.

When Bonnie Lu's prize winner was sold at auction, he brought 85 per pound. She received about $6,250. Betty Hartter's reserve champion sold for $1.60 per pound.

Iowa winners in the Hereford classes included:

Summer yearlings — Dean Robertson, Guthrie county, sixth;

Senior calves — Jerrold Gregg Gaffney, Davis county, second.

Other Iowa Shorthorn winners included:

Junior yearling—Donald Narrigon, Adams county, sixth;

Summer yearlings — Bernard Larson, Webster county, third; Eldon J. Wiese, Clinton county, fifth; Norman L. Collins, Keokuk county, sixth; Helen Wolf, Plymouth county, tenth;

Senior calves — Eugene Slama, Webster county, second;

Junior calves — Delores Wolf, Plymouth county, third.

Other Iowa Angus winners included:

Junior yearlings — Ronald Paasch, Pottawattamie county, sixth; Lon J. Bell, Scott county, ninth.

Summer yearlings—Billie Clemens, Dubuque county, second; Edward Blanshan, Story county, fifth; John Montgomery, Mahaska county, ninth; Carol Swanson, Clinton county, tenth.

In the junior barrow show, Illinois youths won most placings. But Andy Grimes, FFA member from Fayette county, Iowa, won the reserve champion award with his lightweight barrow, a 205-pound Hampshire.

Carlisle Desnden, Clark county, Kentucky, showed the champion pen of lambs in the junior show.

Tho Iowa's 4-H exhibitors did not win the top prizes, they did get a good share of the winnings. And they can point to the fact that it was a graduate from Iowa 4-H ranks, Stanley K. Swift, who won one of the International's top open show awards: the carlot hog championship.

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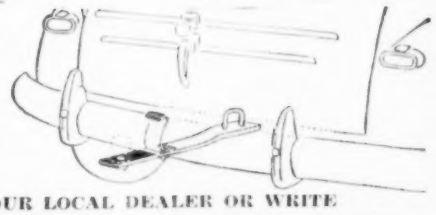

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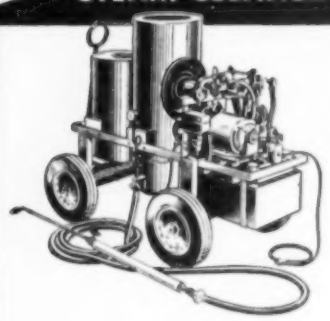

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Farm News Briefs

IOWA'S 1949 CORN CROP averaged 15.2 per cent in moisture content on November 20, driest since 1939. This year's corn also is heaviest in 10 years, averaging 58.4 pounds per bushel in November. Nearly two-thirds of Iowa corn on November 20 qualified as No. 2.

▲ ▲ ▲

CORN BORER DAMAGE in Iowa this year was worse than in any other part of the country. Damage here is figured at 140 million bushels of corn. Illinois lost about 63 million bushels, Minnesota 28 million, Indiana 22 million, Ohio 19 million.

▲ ▲ ▲

INDEX OF PRICES received by Iowa farmers dropped sharply in November—from 262 to 244. Prices paid by farmers stayed unchanged at 262. So the parity ratio went down from 100 to 93, lowest since before the war.

▲ ▲ ▲

FEEDER CATTLE in-shipments to Iowa during November were 9 per cent below the same month in 1948. It was the first month in 1949 that failed to match 1948; total in-shipments for 1949 (January-November) still are largest on record.

▲ ▲ ▲

P. S. SHEARER, head of the animal husbandry department at Iowa State College, has been elected president of the American Society of Animal Production.

▲ ▲ ▲

ONE OF 48 home demonstration agents in the nation honored for outstanding service is Margaret Stewart, extension home economist in Linn county, Iowa.

▲ ▲ ▲

COUNTIES WINNING awards at the recent Iowa Farm Bureau annual meeting include: Best all-around program, Buena Vista; highest percentage of farmers as members, Buena Vista (102.1 per cent); highest percentage of repeat memberships, Buena Vista (92.2 per cent); most members, Linn (2,461); biggest increase in membership over 1948, Keokuk (15.3 per cent); most high-rating townships, Humboldt (100 per cent).

▲ ▲ ▲

WINNER IN IOWA Farm Bureau's talk-meet for rural youth members was Robert Paulus, of Johnson county. He represented Iowa in national contest at American Farm Bureau convention.

▲ ▲ ▲

TEAMS FROM IOWA State College finished second in both meat and poultry judging contests, and eighth in livestock judging, during International Week in Chicago. University of Wyoming was high in livestock, Oklahoma A. & M. in meats, and Texas A. & M. in poultry. High Iowan was George Leland, Black Hawk county, member of the meat judging team, who was top pork judge.

▲ ▲ ▲

COMING EVENTS: Farmers Grain Dealers Association of Iowa, convention, Des Moines, Jan. 23-25; National Farm Institute, Des Moines, Feb. 17-18.

Ladino Gets Okay For All Iowa

Ladino clover gets a green light from Iowa State College agronomists for rotation seedings in all parts of the state.

Last year, the college gave ladino an okay for eastern and northeastern Iowa. Now it's on the recommended list for other sections, too.

That's good news for Iowa farmers because ladino seed production was good in 1949, while most legumes and grasses are in short supply.

Iowa State suggests a seeding rate of one-half pound of ladino per acre with brome grass and alfalfa or with timothy and red clover mixtures to be used for pastures.

Since you can't tell ladino seed from ordinary white clover, better buy only certified seed, the college advises.

"Herbert! You come up for air this instant!"

Jim Murphy Says:

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THAT big supply of corn and oats on your farm can save you poultry raisers as much as $15.00 a ton on your poultry mashes. 75% of most mashes is made up of grain or grain by-products. Why "buy back" grains that are no better than those you have on hand? Why pay high handling and freight charges? You can cut down high feed costs and provide your poultry with just the kind of ration they need by mixing your own ground corn and oats with

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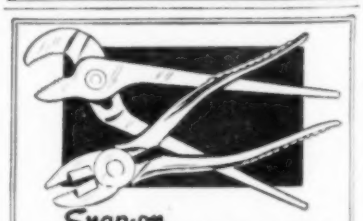

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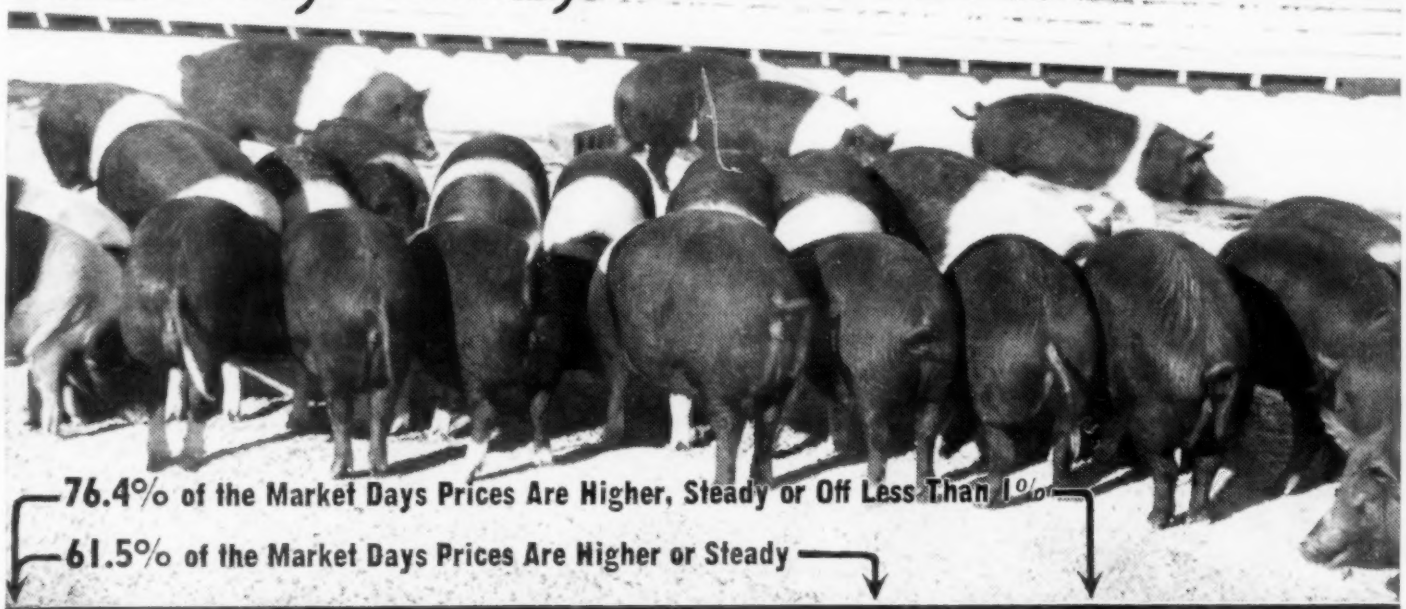

Price advance more than 1%	Price advance less than 1%	Price unchanged	Price decline less than 1%	Price Decline more than 1%
25.0% of the market days	15.4% of the market days	21.1% of the market days	14.9% of the market days	23.6% of the market days

Data from the Chicago Market in a representative year.

On Three Days Out of Four Chicago Hog Prices Are Higher, Steady or Off Less Than 1%

Send **all** of your hogs to Chicago, the great price-setting market, so that your commission man can sell them at their true value. Even though your hogs are not sold until several hours after loading out, on 76.4 per cent of the market days the price will be higher, steady or off less than 1 per cent; on 61.5 per cent of the market days the price will be higher or steady. Sell your hogs on the Chicago market to **compel** buyers to compete for their true value.

The Chicago Market Offers:

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More buyers (almost 100) to compete for hogs than on any other market. Your selling here compels their competition.

- It's the price-setting hog market for the country. In a representative year 61.5 per cent of the market days' prices are higher or steady with the market of the day before; and on 76.4 per cent of the market days they are higher, steady or off less than 1 per cent.
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- A network of 22 railroads—Remember, the all important eastern market is reached principally by railroads.
- Unsurpassed truck and trucker conveniences.
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[*Where You Get the High Dollar Through the Experienced Selling Service Your Commission Man Provides and the Largest Number of Buyers at Any Market in the World*]

Homemaking Today

Edited By ZOE MURPHY

Mr. and Mrs. Eli Espe, farmers of Hardin county, Iowa, their son Carroll and wife Ruth, sit down to a traditional Norwegian Christmas dinner. Many of the recipes were brought to this country by Mrs. Espe's mother.

Christmas Food From Norway

PREPARATION for the Christmas holiday in Norway began many weeks in advance of the season, according to Mrs. Eli Espe, who lives on a farm in Hardin county, Iowa.

Like many of Norwegian descent, Mrs. Espe keeps the old customs and beloved traditions at Christmas-time. She enjoys preparing a variety of traditional Norwegion foods for Christmas in the same way and from many of the recipes her mother brought over from Norway.

The holiday began Christmas Eve. But the season really started with the preparation of "lefse" and "flat-brod" large quantities of which were prepared early. They were thoroly dried and put away in a storehouse called the "stabbur."

The "stabbur" is a picturesque building with a bell tower and broad, overhanging eaves. The door is richly carved, and is locked with a 12-inch wrought-iron key. The building is elevated to protect the food stored there.

Mrs. Espe recalls an amusing story about the time when the storehouse had just been filled with the Yuletide supply of "lefse" and "flat-brod." The family had retired, and were awakened by a noise coming from the storehouse.

When they investigated, they found an old horse had discovered the door had accidentally been left partly open. The horse had pushed his way in, broken into a barrel of "flat-brod," and was crunching it with great gusto when he was driven out.

"Flat-brod" and "lefse" for every-day fare in Norway are made of the dark grains. But the richer versions are made of wheat flour, milk and shortening, and are reserved for special occasions.

Other foods that the Norwegian families prepare especially for Christmas are "Berlinkranser," a pastry; "fattigmand bakkels," another pastry that is fried in deep fat like doughnuts, and "julekake," a sweet bread.

Homes are scrubbed from top to bottom in preparation for Christmas. Everything is as clean as soap and water can make them, says Mrs. Espe —including the people.

At 6 o'clock on Christmas Eve all the bells in the towns and country churches start pealing to usher in the Yuletide. By this time, all of the preparations for the holiday have been completed. Everyone is dressed in his best clothes, and the family sits down to the evening meal.

The table is laid with a white cloth—some families have century-old, elaborately embroidered tablecloths that are brought out for this occasion. A lighted candle is beside each plate. The best dishes and silver are used.

After the evening meal, the family gathers around the Christmas tree, and there is a gay time distributing gifts to the children and singing Christmas songs.

The birds are not forgotten at Christmas in Norway, either. Beside each barn, a birch sapling is erected in the snow. Sheaves of grain are tied to its branches.

Norway has its legends, too. One of these is of a tiny mannikin called "Nisse." He is supposed to be a mischief-loving prankster, who makes his home in barns thruout Norway. He delights in upsetting milk pails unless he is well fed.

Consequently, the farmer must share his Christmas Eve meal with this gay little sprite. So a bowl of "flote grat"—or cream porridge—is placed in the barn. The next morning, the bowl is empty—the proof that the mannikin exists.

There is much visiting during the holidays, especially in the country. It is customary to serve "Berlinerkranser," "fattigmand bakkels" and "julekake," with wine or with coffee, to everyone who comes.

Christmas Recipes From Norway

How To Make Appetizing Traditional Foods Prepared In Norway For Christmas Season

MRS. ELI ESPE, Hardin county, Iowa, shares these recipes for some of the special dishes she prepares for her family at Christmas. All of them are traditional Norwegian foods.

BERLINERKRANSER

(Makes 150)

4 hard-cooked egg yolks
1 pound butter
1¼ cups sugar
4 egg yolks
1½ quarts sifted pastry flour
4 egg whites
Sugar

Mash hard-cooked egg-yolks well. Cream butter, add sugar gradually, add egg yolks and flour, and mix until dough is very smooth, using hands when it becomes stiff. Roll about two teaspoons of dough at a time, to the thickness of a pencil. Form into a ring, crossing the ends. Dough is more easily worked with if it is chilled.

Dip each ring in egg white, beaten until frothy, then in sugar. Bake in a 340-degree oven about 12 mintues, until lightly browned. Dough may be put thru a pastry tube to form a long rope, then cut and shaped into rings.

LEFSE

(Eight Servings)

1 cup boiling milk
2 cups white flour
½ teaspoon salt
2 tablespoons shortening

Add boiling milk to one cup of flour, salt and shortening. Stir until well mixed. Cool, add balance of flour and knead into the dough. Cut off pieces of dough about size of large egg, flatten to form even patty, and roll very, very thin, using flour to keep it from sticking to board.

Thoroly wash top of range, fold lefse over a clean stick (I often use one taken from a window shade), transfer the sheet of dough to the top of a moderately heated stove and brown lightly on both sides.

Before serving, dip each sheet of lefse in water, drain and wrap in towel or waxed paper. Let stand an hour.

Spread each sheet with butter and sugar. Fold so opposite edges of lefse meet in center, then fold thru center with edges on inside, cut in crosswise strips about two and one-half inches wide.

FATTIGMAND BAKELS

(Makes 60)

4 egg yolks
¼ teaspoon salt
½ cup sugar
1 tablespoon butter
½ cup coffee cream
2½ cups sifted flour

Beat egg yolks and salt thoroly, add sugar, beat well. Add butter and cream. Combine with flour and mix until dough is smooth. Place about one-third of dough on well-floured board, coat well with flour. Roll out very thin and cut into diamond shapes measuring about 5½ inches from point to point.

Cut sheet of dough lengthwise into strips about 3½ inches wide, then cut dough slanting crosswise to form diamond shape. Slit each piece thru center, about one-third distance from point to point. Slip one end thru this slit.

Fry in deep fat at 325 degrees (not quite as hot as for doughnuts). When pieces come to top and are lightly browned, turn and brown on other side. Drain on absorbent paper, and, before serving, roll in powdered sugar

JULEKAKE

(Two Small Loaves)

1½ cups scalded milk
⅔ cup sugar
1 cup butter
1 cake compressed yeast or 1 package granular yeast
¾ teaspoon cardamon seed (optional)
3¼ cups sifted flour
2 eggs
1½ cups small raisins
⅔ cup finely-diced citron

Dissolve sugar and allow butter to melt in hot milk, cool until lukewarm. Crush cardamon seed with rolling pin. Dissolve yeast in cooled milk. Add cardamon seed, two cups flour and eggs to milk, beat with egg-beater until smooth.

Allow to double in bulk, then beat again. Add remaining flour and knead in mixing bowl. When smooth, add raisins and citron. Mix well. Divide dough in two equal pieces, place in well greased small loaf pans, and let double in bulk.

Bake in a 350-degree oven about 45 mintues. Six to eight hours are needed for making julekake with this amount of yeast. Double the amount if you wish to speed up the process.

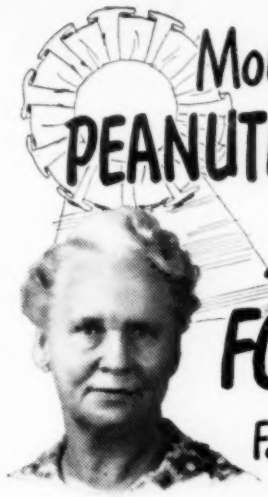
KRINGLER

1¼ cups sour cream
¾ cups sour milk
1½ cups sugar
½ teaspoon salt
1 level teaspoon soda
2 level teaspoons baking powder
3 cups flour

Add sugar and salt to cream and milk, mix. Sift soda and baking powder with flour and add to first mixture. Add enough more flour to make dough about consistency of rolled cooky dough.

Roll about 1½ tablespoons of dough on very lightly floured board until slightly thicker than a pencil and about 15 inches long. Bring ends up, twist once, and fasten by pressing the two ends to center of strip, or one may make lovers' knots by making a circle with the roll of dough and fastening ends in a simulated knot.

Bake in a 500-degree oven until lightly browned. If they burn underneath before browning sufficiently on top, place a piece of tin underneath cooky sheet, as near the same size as possible. Store in covered stone or glass jar while still warm.



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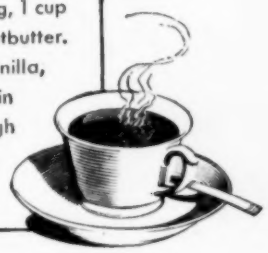
PEANUTBUTTER COOKIES

Beat 2 eggs until light, add 1 cup shortening, 1 cup brown sugar, 1 cup white sugar, 1 cup peanutbutter. Cream until light. Add pinch salt, 1 tsp. vanilla, 1 tsp. soda and about 3 cups flour. Work in flour with spoon. Pinch off pieces of dough size of a walnut, press out with fork or glass. Bake in moderate oven.



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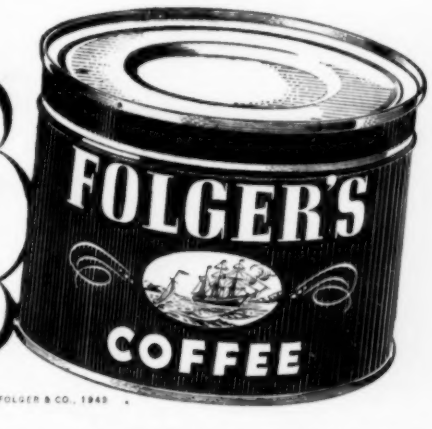

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Kerry Lee Helps Make Cookies

A Four-Year-Old Is A Big Aid To Mother In Preparing Cookies For Christmas-Time

"MOTHER, do you know what I liked best about Christmas last year? I liked the cookies we baked that snowy day."

When my small daughter spoke, I recalled the day vividly, but I was amazed that it should outshine the Christmas tree, Santa's visit, or our family gift exchange on Christmas Eve.

Quite often, we are so rushed during the holiday season that we have but little time for the things that seem trivial to adults but are so important to children.

As I thought back about the day we did our baking of Christmas cookies, I tried to remember what there was about it that meant so much to Kerry Lee that it became the most joyous part of the season.

Kerry Lee helped her mother make Christmas cookies. She is the daughter of Mr. and Mrs. Jerome Cathcart, of Appanoose county, Iowa.

I do know that I gave her an apron, let her help with everything, and never once said "Don't!"

We used English walnuts for part of the cookies, and she could help pick out the goodies. She sifted flour, helped with the measuring, and when we rolled out the dough she cut out Santas, trees, bells, stars, camels, angels—and even an Easter bunny, because he would enjoy the fun, too!

When we decorated the cookies, we made bowls of various-colored icings and used small brushes to make green trees, yellow stars, red bells, and so on.

Perhaps those she made would not win the artistic approval of some people, but I'll venture to say she will never see any she thinks are prettier.

We had all kinds of candy trimmettes to make sparkles on the tree, to make the angels' wings glisten. In fact, Santa even had silver trimmings in his whiskers; but it was fun.

On Christmas Eve, after we had unwrapped our family gifts, how proud was Kerry Lee to serve "her" refreshments! The cookies had been arranged on a large tray, and she had added bits of holly and tiny Christmas tree balls.

We used our new chocolate set, and I am sure there never was a more gracious or more enthusiastic hostess than Kerry Lee.

I know that as I plan for future Christmas Days, I shall always remember this one best.

Somehow, the kitchen is the friendliest room in the house. Gather your children there, let them help with preparations for the festivities, tell them the story of Christmas, sing their favorite carols, and have fun with them.

In later years, when Christmas carols are chiming across the wintry sparkling snow, your children will have fond memories of Mother, Dad and the friendly kitchen at home.—Mrs. Mildred D. Cathcart, Appanoose County, Iowa.

The Spirit Of Christmas

PREPARATIONS for Christmas should begin long before the day actually arrives. People who have no children should adopt some for the occasion. Christmas is so much richer, seen thru the eyes of children.

Think thru the people you know. If there are those who will be lonely, who have difficulty in making ends meet, it will hearten them and you to bring some of the season's cheer to them.

To those to whom you don't send gifts, at least send a Christmas greeting card. And, to make it more acceptable, write on it a cheery message of your own. This makes it doubly personal, and is sure to be appreciated by the recipient. It's always satisfying just to be remembered!

I like the pageantry of Christmas. Most of us treasure memories of times we appeared in a program as an angel, a herald, and the thrill of the Star as it shone above the manger bed of the Infant Jesus.

The Hebrews knew and loved the pageantry of their religion. At the time of the Feast of the First Fruits, the people gathered before the synagogue.

There would come the call of the silver trumpet and a voice saying: "Arise ye, let us go up to Zion and unto Jehovah, our God."

Quickly, they would form a procession and would answer: "I was glad when they said unto me: 'Let us go into the house of the Lord.'"

Let us, one of the most fortunate of the peoples of the earth, bring happiness and an understanding of the spirit of Christmas to someone less fortunate.—Ruth Fullerton, Floyd County, Iowa.

Norman, Dorothy and Cheryl have Christmas in mind when they say their prayers. They are the children of Mr. and Mrs. Herman Rohrig, Adams county, Iowa.

COOKERY CORNER

GINGERBREAD

(Nine Generous Servings)

2 cups sifted flour
½ teaspoon soda
2 teaspoons baking powder
½ cup sugar
½ teaspoon salt
1 teaspoon ginger
½ teaspoon cloves
½ teaspoon cinnamon
2 eggs, beaten
⅔ cup milk
¼ cup fat, melted
¾ cup molasses or sugar cane syrup

Sift dry ingredients together. Combine beaten eggs, milk and melted fat and add this mixture to dry ingredients. Then stir in the syrup. Bake in a shallow nine-inch pan in a 350 to 375-degree oven for 30 to 40 minutes.

For individual servings, bake in muffin pans in a 400-degree oven for 20 to 25 minutes.

ORANGE CORN STICKS

½ cup orange marmalade
1 cup milk
2 tablespoons melted butter or shortening
1 egg, beaten
1 cup yellow cornmeal
1 cup sifted flour
2 teaspoons baking powder
½ teaspoon salt

Combine the marmalade, milk, shortening and egg; add to sifted dry ingredients and stir until just blended.

Bake the mixture in hot, greased corn stick or muffin pans at 350 degrees for 30 minutes, or until lightly browned. Serve at once.—Mrs. E. A. Stowell, Sauk County, Wisconsin.

PINEAPPLE CAKE

½ cup butter
1½ cups sugar
1 teaspoon vanilla
1 cup crushed pineapple
½ cup water
2½ cups cake flour
3 teaspoons baking powder
⅛ teaspoon salt
3 egg whites

Cream butter, slowly beat in sugar, add vanilla. Add pineapple and sifted dry ingredients alternately with water. Fold in stiffly beaten egg whites. Bake in well-oiled layer cake pans in a moderate oven (350 degrees) for 25-25 minutes.

When I serve this cake, everyone asks for a second helping.—Mary M. Smith, Boone County, Iowa.

CHERRY PUDDING

¾ cup sugar
3 tablespoons butter
2 cups flour
3 teaspoons baking powder
½ cup hot water
⅛ teaspoon salt
1 cup milk
2 cups pitted cherries (fresh or canned)
¾ cup sugar

Cream together sugar and butter. Mix and sift flour, baking powder and salt, and add to first mixture alternately with milk. Beat until smooth. Pour into well-buttered baking dish.

Mix together cherries, sugar and hot water. Pour over the cake mixture and bake 40 minutes in a 350-degree oven.

During the process of baking, the dough will rise to the top, while the cherries sink to the bottom to form a sauce.

Serve hot or cold, with or without cream.—Mrs. T. R. Phalen, Cerro Gordo County, Iowa.

PEPPERMINT STICK ICE CREAM

½ cup milk
2½ cups light cream
⅓ cup honey
1 tablespoon plain gelatin
¼ cup cold water
¾ cup crushed peppermint stick

Heat cream, milk and honey together. Add gelatin, which has been soaked in cold water. Stir until gelatin dissolves. Pour into refrigerator tray and freeze until semi-solid. Remove from tray and beat until light and creamy. Fold in crushed peppermint candy and freeze until solid. Serves six to eight.

This is guaranteed to make a success of any party.—Mary M. Smith, Boone County, Iowa.

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Walleye Pike, Round (whole fish)	.29	14.25
Sauger Pike, like small Walleye, scaled bdl. (ready for pan)	.33	15.50
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Herring, large, fancy pak	50 lb.	4.50
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Catfish Steaks	15 lb.	7.00
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Salt Flat Lake Herring	100 lb. barrel	14.00
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— OUR ADS ARE NEWS —

Mrs. Roscoe Eliason, Louisa county, Iowa, chairman of the Woman's Farm Bureau Committee, presides over annual banquet. At her right is Miss Adelaide Barts, UN observer for the Country Women of the World.

Wide Goals For Farm Women

Program For Iowa Farm Bureau Conference Indicated Widespread Interests Of Women

"WE ARE inclined to think we would have world-wide peace if everyone was like ourselves," said Mrs. Lewis Minion, regional director for the National Farm Bureau Women.

Then she went on to say that, as a nation, we are inclined to be suspicious of everybody but ourselves, and we are surprised and angry when other nations are suspicious of us.

There may have been a time when it might truly have been said that farm women had few interests outside of their homes. If that was ever true, that time is long past.

In the recent annual Iowa Farm Bureau convention, held in Des Moines, the interests of farm women, as expressed in their program, covered many international problems. Because these women believe that only by trying to understand world conditions can these conditions be improved.

Miss Adelaide Barts, United Nations observer for the Country Women of the World, pleaded for patience and understanding for the institution of the United Nations. The progress is slow, but she assured her audience that progress was being made.

Miss Barts related a minor incident to carry out her theme. She said that the United Nations cafeteria now serves shortcake, a purely American dessert, to people from every nation in the world.

She contends that if people of the world can agree on a dessert, they can agree on other things.

Mrs. William Davidson, of Cedar county, Iowa, told of her recent trip to Europe under the direction of the Friends Service Committee. This was far from being a travel talk, tho Mrs. Davidson did spend time in many countries of Europe.

Mrs. Davidson talked with a great deal of sympathy of the great need for our continued help in Europe, of the millions of refugees who still need food and care.

She also urged the women to try to understand the need for reciprocal trade agreements. "For how can Europe buy from us the things we need to sell unless we let them sell us some of the things they have to sell?" she asked.

Mrs. Roscoe Eliason, chairman of the Iowa Farm Bureau Women, urged the members to take an active part in politics. She said that before women can influence world opinion, they'll have to assume responsibilities at home.

"We must be realistic about our politics, said Mrs. Eliason, "and study the records of candidates and vote for the ones who have done the things we believe in."

At a business meeting on Monday, Mrs. Merle Twinam, of Crawfordsville (District 7), was reelected. Also re-elected were Mrs. Lawrence Isaacson, of Red Oak (District 9), and Mrs. Floyd Dittmer, of Strawberry Point (District 1).

Mrs. William Garnjobst, of Spencer, was elected to District 3 and Mrs. Eldon Rosene, of Madrid, to District 9. The terms of the other four committeewomen do not expire this year.

Turkey Left-Overs

ALL agree turkey's not too good if just warmed over. Says one homemaker: "The only way we like it warmed up is in scalloped turkey."

She fixes this in the usual way—a layer of turkey meat, a layer of bread crumbs, and so on, finishing with crumbs on top.

If there is any turkey broth left, she uses that to moisten the scalloped turkey. Otherwise, the gravy is used, thinned down with milk or cream.

CHOICEST QUALITY FROZEN FISH SHIPPING SINCE 1899

12c less on 100 lbs. off of 50 lb. price

Save money in ordering 50 lbs. or 100 lbs. of each variety	Pound Price	50 lbs. Price
Pike, Walleye, round, 2 to 3 lbs.	26c	$12.50
Pike, Walleye, dressed, 2 to 3 lbs.	29c	14.00
Pike, Walleye, headless, drsd., 1 lb.	26c	12.50
Pickerel, headless, drsd., 3 to 6 lbs.	17c	8.00
Salmon, Red, headless, drsd.	30c	14.00
Halibut, headless, drsd.	33c	16.00
Lake Trout, drsd., 4 to 8 lbs.	35c	17.00
Black Cod, Sable, headless, drsd.	25c	12.00
Codfish, hdls., drsd., 6 to 10 lbs.	20c	9.50
Buffalo, hdls., drsd.	18c	7.50
Carp, headless, drsd.	11c	5.00
Flounders, Black backs	22c	10.50
Catfish, headless, drsd.	35c	17.00
Northern Pike, hdls., drsd.	17c	8.00

Fancy selected fish packed in 10 lb. cartons, easy to store	Price 10 lbs.	Price 50 lbs.
Silver Herring, very fancy	$1.00	$ 4.75
Herring, scaled, drsd., hdls.	1.40	6.75
Bullheads, skinned, bright red	2.80	13.75
Smelt, choicest	1.40	6.00
Ocean Pike, scaled, hdls., drsd.	1.70	8.00

Boneless fish, solid meat, 10 lb. cartons, cello, about 1 lb. pack	Price 10 lbs.	Price 50 lbs.
Northern Pike, boneless, fancy	$2.60	$12.50
Ocean Pike, boneless	2.50	12.00
Ocean Perch, boneless	2.80	13.50
Walleye Pike, boneless	4.50	22.00
Flounders, boneless	3.20	15.50
Codfish, boneless	2.80	13.50
Haddock, boneless	3.00	14.50

Smoked fat Bluefins, 10 lb. cartons	$2.00
Smoked Salmon chunks, 10 lbs.	4.80
Smoked Trout chunks, 10 lbs.	4.80
Smoked Sable chunks, 10 lbs.	4.35
Salted Holland Herring, 9 lb. kegs	1.80
Salted flat Lake Herring, 100 lbs.	14.00
Fresh solid pack Oysters, gal.	5.25

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10 lbs. Flounders ONLY
(Fins Trimmed Off) PRICE PER BOX $10.25
OR—will ship double this quantity for $20.00

If the above assortment does not appeal to you, make up your own assortment for 50 POUNDS OR MORE of the fish listed below at the prices listed per pound.

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Wall-eyed Pike	Round	28c
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NORTHERN PIKE, Dressed & Headless		20c
ROYAL HERRING, Headless, Scaled & Dressed		15c
Scaled & Dressed		13c
OCEAN PIKE, Dressed, Headless & Scaled		18c
RED ROCKFISH (Ocr), Drsd. & Hdls.		19c
STEAK COD, Dressed & Headless		21c
SALMON, Dressed & Headless		37c
SABLEFISH, Dressed & Headless		25c
FLOUNDERS (Dressed & Headless		21c
HALIBUT (also Fins Trimmed Off		38c

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WALLACES' FARMER AND IOWA HOMESTEAD

Remember! Santa's coming. That's what Mary Ann and Barbara remind each other when they get ready for bed. They are the children of Mr. and Mrs. Lawrence Putbrese, of Sac county, Iowa.

COUNTRY AIR

By **ELIZABETH C. WHERRY**

FOOD at holiday time conjures up such delightful pictures! Wouldn't it be dreadful to come from a family that didn't have good cooks?

* * *

You can't go wrong on color in holiday food pictures. Deep red of cranberries, rich browns from turkey to fruit cake, golden colors in squash and sweet potatoes, and shades of green in lettuce and celery. And isn't paschal celery a find in vegetables! Green, crisp, tender and delectable.

* * *

Salads in nests of green range from colors of citrus sections and apple peel to garnishes of dates, stuffed prunes and spicy parsley — a lovely jumble of colors that never clash.

* * *

Then there are the shapes of food. Round cookies, lumpy cookies, chocolate bars, molded salads, acorn squash collapsing with its crinkled edges, rolls in every variety from plain buns to butterhorns, potatoes in fluffy mounds, potatoes in crinkled baked jackets, wedge-shaped pieces of pie, square cuts of cake, and knobby florets of cauliflower.

* * *

Crowning all of the delectable shapes is the round roast, the oval of a ham, or the inviting irregularity of a roast fowl with mute legs and wings inviting the carving knife.

* * *

And then there's the shape of things to come — meaning you and me—after we've performed the proper ceremonies of serving and eating all of these delectable food colors and shapes. Alas!

* * *

Speaking of color — Lois Jane Davidson, who has an eagle-eye for color, its shades, tints and harmonies—was struck by the lack of color in post-war Germany. To a person sensitive to color, it is not surprising that she contrasted the gray lack of it in Germany with the gay appearance of it in Holland and Belgium.

When Son Rich spent his first Christmas in army barracks, he remarked about the gaiety of Christmas wrappings in olive-drab surroundings. He hadn't missed color until it appeared.

* * *

Each year, clever chemists and industrialists put some new bit of color and charm on the market in the way of Christmas wrappings. This year, there is a plastic sort of lace ribbon that is utterly delightful.

* * *

The cleverest bit of decoration to meet my eye this year is made of foam-like sheets of some sort of spun rayon, I think. It's light as soapsuds and can be cut into various shapes and patterns.

* * *

Greens or candles can be stuck into this spun material, and it can be decorated with everything from cut-flowers to toy farmsteads.

* * *

It's no wonder dads find modern toys more fun than the kids do. They appreciate the principles involved, and enjoy a natural law that does the work for them, while the youngsters like to do their own manipulating.

* * *

What is that statement? Some thing about the individual repeating the history of the race——

* * *

A child is in the primitive stage that has to use its hands to build or destroy for its own pleasure or survival.

* * *

Dad is in an advanced stage of civilization that looks in awe at what science has done for it and dimly wonders what is ahead.

* * *

Mother is torn between the primitive and the civilized. She has to feed and clean up after both of 'em.

* * *

Well, whatever your stage—be it primitive or civilized—may both you and your food keep your shape, and may you have a Merry Christmas!

IF YOUR NOSE FILLS UP SPOILS SLEEP TONIGHT

DO THIS →

If stuffy congestion sometimes fills up your nose and makes it hard to breathe . . . put a few drops of Vicks Va-tro-nol in each nostril and get wonderful relief *fast!*

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THE FARM FLOCK

DO YOU HAVE a rack in the laying house where you can feed alfalfa or some other good legume hay to your hens? It's a good way to keep hens active and working, say University of Illinois poultrymen. A rack works best, but a bale of alfalfa in the laying house is better than nothing.

▲ ▲ ▲

A CHECK of Illinois poultry flocks by U. S. and state veterinarians turned up these facts: Of the old-hen flocks tested, 64 per cent had tuberculosis, but only 11 per cent of all-pullet flocks had the disease; few flock owners knew their birds had TB, because infected birds look healthy; almost all cases of TB in hogs came from contact with infected chickens.

▲ ▲ ▲

THE NARROW-TYPE hen house is losing favor with many poultrymen. D. D. Moyer, extension poultry specialist at Ohio State University, is down on houses that are only 15 to 20 feet deep. He points out that a house 30 to 40 feet in depth has less wall space, holds heat better, is easier to clean, and that equipment can be moved around in it with less trouble.

▲ ▲ ▲

THE OLDER deep litter gets, the less trouble there is with dampness, says Joe Sicer, Purdue University poultryman. But sometimes the litter gets wet before it's old enough to do the best job of absorbing moisture. When that happens, says Sicer, sprinkle a pound of hydrated lime over every four or five square feet of floor space. Then fork the lime into the litter. Be sure to use hydrated lime—not quick lime.

▲ ▲ ▲

WHAT KIND OF LUCK have you had in self-feeding corn to layers? Many good poultry raisers do it, say their birds don't get too fat. W. R. Whitfield, Iowa State College poultryman, says hens are smart enough to select their own feed. Cafeteria-style feeding, he says, cuts labor costs, lets birds eat according to their individual needs, and assures them of a meal when you're away from home.

▲ ▲ ▲

HENS HAVE NO TEETH. So they need something to help grind up their feed. Keep grit before layers all the time.

▲ ▲ ▲

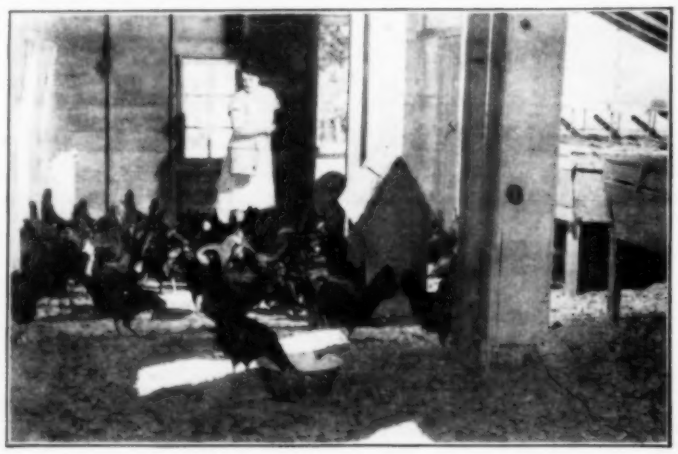
HOW MUCH LIGHT does it take to stretch your flock's working day? University of Illinois poultrymen recommend one 40-watt bulb in a cone-shaped reflector for every 200 square feet of floor space. Hang lights high enough to light the whole house.

▲ ▲ ▲

HOW MUCH ATTENTION do you pay to the way you case your eggs? Missouri University marketing experts say almost twice as many eggs are cracked when they are packed small end up as when packed large end up. So watch the way you pick up eggs to put in the case. Getting the large-end-up habit will pay you dividends.

▲ ▲ ▲

A NEW METHOD of detecting Newcastle disease is helping Illinois veterinarians take quicker action when the disease shows up. Formerly, laboratories had to have blood samples to find the disease. Now, University of Illinois has found a way to test eggs instead. The egg test has proved 97 per cent accurate. And the University of Minnesota has developed a blood test that can be used right on the farm. It requires only a drop of blood from each bird, and results are obtained in two to five minutes.



Handy ideas in hen house of Mrs. Dale Core, Marion county, Iowa, include: A feed room that is right in the house (at right rear in the picture above); a sun porch so the birds can get a little fresh air on nice winter days; roosts that lift off iron pegs when droppings boards need to be cleaned (picture at left); nests under roosts, with rear entrance so pullets lay in the dark, and with drop fronts for easy egg-gathering. Mrs. Core has flock of 142 birds in house.

CONTROL ROUNDWORMS PUSH FOR EGGS WITH POWDER FED IN MASH

Just a few extra eggs from each bird. That can be the difference between a flock that pays and one that doesn't. **Go after those extra eggs this year.** Destroy Roundworms. Add Dr. Mayfield Poultry Powder to mash for 3 days. Repeat every 30 days. Quick, safe, thorough, easy to use. No loss of production from handling birds. No undesirable after-effects. A big help in getting steady egg production.

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Do You Make Money On Your Eggs?

Records Of High Profit Flocks Show It's Probably Your Own Fault If You Don't

This is the time of year when you're looking back to see what kind of money you've been making on chickens in 1949. In this article, W. R. Whitfield, of Iowa State College, takes a look at poultry profits and what makes them low or high.

CAN you produce eggs at a profit?

There's no doubt that money—good money—can be made from a laying flock when it is properly handled. For proof, take a look at farm records kept in Iowa State College's demonstration flock program.

A report on farm flock records for 1948 is just out. It shows that the average laying flock in the program earned an extra $2.27 above cost on every 100 pounds of feed they consumed. Any livestock man will tell you that's a good profit.

But here's the interesting thing about those demonstration flock records: All flocks didn't do as well as the average, some did far better.

For instance, the 10 high-profit flocks earned $3.80 above cost per 100 pounds of feed, while the 10 low-profit flocks made only 20 cents.

Net profits for the 10 high flocks averaged $999.42, or $4.02 per hen. Net return for the 10 low flocks averaged only $119.18, or 51 cents per hen.

Why this big difference in profits? The answer comes in several parts. For one thing, the high-profit flocks laid more eggs—223 per hen. Low-profit flocks averaged only 189 eggs.

Mortality played a big part, too. The 10 high flocks lost 18.1 per cent of their birds during the year. That's too high, but the low-profit group was worse. It lost 24.9 per cent, or nearly a fourth of the flock.

The low-profit flocks weren't as efficient at turning feed into eggs, either. They had to use 6.9 pounds of feed to make a dozen eggs. The high-profit flocks shelled out a dozen eggs on only 5.4 pounds of feed. It cost 28 cents to produce a dozen eggs in the low-profit group, only 21 cents in the high.

What about flock size? There was a difference of less than two dozen birds between the two groups.

Did the low-profit group neglect their birds? No. The reports show the 10 low-profit flocks were given even more time than the high—an hour and 12 minutes per hen during the year, compared with only an hour and six minutes for the high-profit flocks.

This time saving helped high-profit flock owners show a labor income of $3.50 per hour for all the time spent with the flock. Low-profit owners got only 44 cents an hour for their work.

Well, maybe the high group sold more breeding stock or high-priced hatching eggs. Wrong again. The low group actually had an edge here.

Still you ask, why the big difference in profits? For the most part, it's a difference in management.

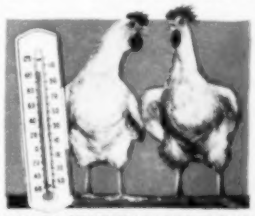
To make best profits, you must have birds that are bred to lay well. Your flock must be free from disease and parasites. Birds must be well-fleshed, fully-feathered and be ready to lay at about six months of age, and they should reach that age early in the fall.

You need good housing — fully insulated. And labor-saving equipment. And it takes a balanced ration—protein, whole grains, minerals—plus an unfailing and continuous supply of water.

Continuous attention to these requirements is essential. Neglect of any item just once may throw the flock into a long slump. Dry water fountains for half a day, for instance. A sudden change in feeding method. Or a sudden shock of sub-zero temperatures.

But, with the right kind of care, the right kind of birds can produce eggs at a good profit.

Hy-Lines ARE MORE RESISTANT TO COLD WEATHER LAYING SLUMPS



WHEN TEMPERATURES SOAR
Hy-Lines keep laying profitably. They do not slump in production seriously when hot weather hits.

More resistant to cold weather laying slumps . . . that's one of the big advantages Hy-Lines give you over standard-bred farm flocks. When temperatures tumble below zero, Hy-Lines usually keep laying profitably. "Cold snaps" often throw standard-bred farm flocks into serious production slumps, but Hy-Lines keep laying steadily . . . regardless of weather conditions. That's why Hy-Lines generally lay 2 to 6 dozen more eggs per bird per year than average standard-bred farm flocks. What an important difference this makes in your yearly egg income!

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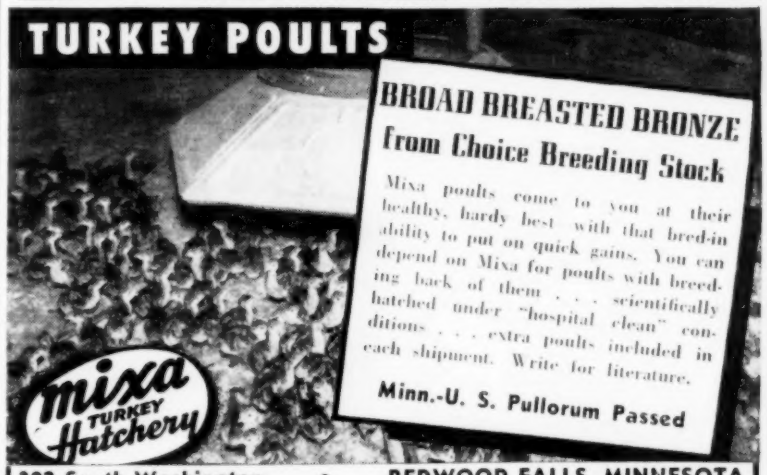

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— OUR ADS ARE NEWS —

He Was judged champion steer of the carcass contest when judges placed steers on the hoof. But when carcasses were placed after slaughter, the on-the-hoof champ was out of the money. Kenneth Eitel, of Sullivan county, Missouri, owned the winner on the hoof. Howard H. Held, of Plymouth county, Iowa, had the winning carcass.

Stock Judges Can't See Thru Skin

As usual, the carcass contest at the International Livestock Show proved that judges have a hard time telling how a steer will dress out when they judge him on the hoof. Judges had somewhat better luck in the swine carcass contest.

A Plymouth county, Iowa, cattle feeder, Howard H. Held, produced the champion beef carcass of the show. Milo V. Wolrab, Linn county, Iowa, owned the champion of the hog carcass show.

When the 28 entries in the steer carcass show were judged on foot, Held's prize-winning entry, a 1,115-pound Angus, was not among the first 10. Champion steer on foot was an Angus shown by Kenneth Eitel, Sullivan county, Missouri.

And after the steers were slaughtered and hung in the cooler, carcasses were judged. Eitel's on-the-hoof champion did not win a place among the 12 carcasses winning prizes.

When hogs were judged on the hoof, Berkshires won all three weight classes. When carcasses were placed, the lightweight champion wound up sixth in his class; the middleweight winner slipped to third, but the heavyweight winner became champion carcass of all weights.

However, enough major changes in placings were made to show that even the most expert hog judges can't see beneath the skin. The lightweight Poland that won in his carcass class didn't place among the first 10 on the hoof. The Chester White that was second to Wolrab's hog in the heavyweight class missed a place among the first 10 hogs when on-the-hoof placings were made.

Iowa Sheep Men Bring Home Ribbons

Not very many Iowans took sheep entries to the International Livestock Show. But those few brought back a good share of winnings.

In the carlot contest, Wilson Farms, Sac county, Iowa, exhibited the first-place load in the lightweight range lamb class. Walter Rich, Tama county, took second prize in both the lightweight and heavyweight range classes. William Lensch, Scott county, won a fourth with a load of lightweight range lambs. G. O. Engelson, of Hardin county, had the fourth-place load in heavyweight natives.

Iowa State College had second-place wether and third-place pen in both Shropshires and Hampshires, third in the Southdown pen class and fifth and eleventh in Southdown wether competition.

In the breeding sheep division, E. H. Rotter & Sons, Lee county, came away with the following prizes in the Shropshire division: Two firsts, five seconds, three thirds and one fourth. Iowa State College won a third-place on three Southdown ewe lambs. Sunnyside Sheep Farm, Madison county, had a fifth-place Southdown yearling ram.

In the Dorset classes, Huntoon Stock Farms, Madison county, won a second, a fourth and a fifth with ram lambs. In Hampshire classes, Iowa State College showed the reserve champion ewe and won four red ribbons and one white.

New Farm Handbook Has Answers

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You can find the answers in the new "Midwest Farm Handbook," which has just come off the press at Iowa State College. Price is $2.25. You can buy it at book stores, or you can order direct from the Iowa State College Press, Ames, Iowa.

The handbook was prepared by members of the staff at ISC. The book has a handy feed estimate guide, gives practical information on farm buildings, feeding livestock, pest control, weed spraying. It is indexed for easy reference. (232 pages.)

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ABERDEEN ANGUS

Judges: Will Hogg, Clackman, Earlston, Scotland; Otto G. Nobis, Davenport, Iowa; Kenneth Litton, Round Hill, Va.

Bulls: Two-year-olds (15 shown)—1, Ankony Farm, Rhinebeck, N. Y.; 2, Julian Adams, Lynchburg, Va.; 3, Kinloch Farm, Supply, Va.; 4, Shadow Isle Farms, Red Bank, N. J.; 5, West Woodlawn Farms, Creston, Ill. Senior yearlings (15 shown)—1 and 2, J. Garrett Tolan Farms, Pleasant Plains, Ill.; 3, Rosno Farms, Williamston, Mich.; 4, J. H. Quisenberry & Sons, Winchester, Ky.; 5, West Woodlawn Farms. Junior yearlings (19 shown)—1, El-Jon Farms, Rose Hill, Iowa; 2, Dale Fletcher & Son, Pine Plains, N. Y.; 3, French Broad Farms, Bowling Green, Ky.; 4, Great Oaks Stock Farms, Rochester, Mich.; 5, Springhaven Farms, Evansville, Ind. Summer yearlings (24 shown)—1, C. V. Whitney Farms, Westbury, N. Y.; 2, White Gates Farms, Flanders, N. J.; 3, Triple-S Ranch, Rosalia, Kan.; 4, Cold Saturday Farm, Finksburg, Md.; 5, El-Jon Farms. Senior calves (24 shown)—1, Reverie Knoll Farms, Danville, Ky.; Inn Bead Farms, Richmond Hill, Ontario; 3, Penney & James, Hamilton, Mo.; 4, Quisenberry & Sons; 5, Tolan Farms. Junior calves (21 shown)—1, Wayland Hopley Farms, Atlantic, Iowa; 2, White Gates Farm; 4, French Broad Farms; 5, Quisenberry & Sons.

Champion Bulls: Senior and grand—Ankony Farm on Elleenmere 1032d (two-year-old). Reserve senior and reserve grand—Adams on Prince Eric Esquire (two-year-old). Junior—El-Jon on Envious Bardolier 5d (junior yearling).

Females: Two-year-olds (20 shown)—1, Arthur Witham, Romeo, Mich.; 2, Shadow Isle Farms; 3, Warner Grove Farms, Greenville, Ohio; 4, Ferndale Ranch, Santa Paula, Calif.; 5, Whitney Farms. Senior yearlings (23 shown)—1, Tolan Farms; 2, Penney & James; 3, Old Elkton Farm, Forest, Va.; 4, Triple-S Ranch; 5, Great Oaks Stock Farm. Junior yearlings (22 shown)—1, Tolan Farms; 2, Great Oaks Stock Farms; 3, Paul R. Dennis, Wilmington, Ohio; 4, French Broad Farms; 5, Reverie Knoll. Summer yearlings (28 shown)—1, Sunbeam Farms, Miami, Okla.; 2, West Woodlawn Farms; 3, Quisenberry & Sons; 4, Tolan Farms; 5, Witham. Senior calves (16 shown)—1, Forest Stock Farm, Pine Plains, N. Y.; 2, Whitney Farms; 3, West Woodlawn Farms; 4, Edwards Bros., Watford, Ontario; 5, Ankony Farm. Junior calves (23 shown)—1, Whitney Farms; 2, Shadow Isle Farms; 3, Grand River Stock Farm, Wolverville, Mich.; 4, El-Jon Farms; 5, Sunbeam Farms.

Champion Females: Senior and grand—Witham on Parbella M. (two-year-old). Junior and reserve grand—Tolan Farms on Paulhonerre 5th (junior yearling).

Groups: Five bulls (5 shown)—1, Tolan; 2, Witney; 3, El-Jon; 4, French Broad; 5, Quisenberry & Sons. Three bulls by one sire (9 shown)—1 and 5, Tolan; 2, El-Jon; 3, Whitney; 4, Quisenberry & Sons. Two bulls (20 shown)—1, Tolan; 2, El-Jon; 3, Witney; 4, Penney & James; 5, Quisenberry & Sons. Get of sire (33 shown)—1 and 2, Tolan Farms; 3, El-Jon Farms; 4, Penney & James; 5, Great Oak Stock Farms. Pair females (51 shown)—1, Tolan Farms; 2, Witham; 3, Old Elkton Farm; 4, Whitney Farms; 5, Sunbeam Farm. Pair yearlings (27 shown)—1, El-Jon Farms; 2, Tolan Farms; 3, Great Oaks Stock Farms; 4, Whitney Farms; 5, Fletcher & Son. Pair calves (37 shown)—1, Whitney Farms; 2, Don Head Farms; 3, Ankony Farm; 4, Reverie Knoll Farms; 5, Penney & James. Produce of dam (26 shown)—1, Witham; 2, El-Jon Farms; 3, Tolan Farms; 4, West Woodlawn Farms; 5, Greenbrier Stock Farm. Best 10 head—Tolan Farms.

HEREFORDS

Judge: Dale Carrithers, Mission San Jose, Calif.

Bulls: Two-year-olds (8 shown)—1, C. A. Smith, Chester, W. Va.; 2, Hi-Point Farms, Romeo, Mich.; 3, Bianchi Hereford Ranch, Macon, Mo.; 4, Patterson Land Co., Bismarck, N. D.; 5, Davisdale Hereford Farm, Boonville, Mo. Senior yearlings (16 shown)—1, Bianchi; 2, Smith; 3, F. W. Anderson, Morris, Ill.; 4, Eugene A. Boyd & Son, Dover, Ky.; 5, Milky Way Hereford Ranch, Phoenix, Ariz. Junior yearlings (18 shown)—1 and 3, Anderson; 2, Ralph E. Freeman, Pulaski, Tenn.; 4, Smith; 5, Chino Farms, Church Hill, Md. Summer yearlings (19 shown)—1, Wyoming Hereford Ranch, Cheyenne, Wyo.; 2, Smith; 3, Anderson; 4, W. J. Largent & Son, Merkel, Texas; 5, Hi-Point. Senior calves (30 shown)—1 and 4, Largent & Son; 2, Smith; 3, Anderson; 5, Bianchi. Junior calves (17 shown)—1, Largent & Son; 2, Bianchi; 3, Portage Farms, Woodville, Ohio; 4, Smith; 5, Wyoming Hereford Ranch.

Champion Bulls: Champion Smith on Hillcrest Larry 4th (two-year-old). Reserve champion—Largent & Son on Publican Domino 26th (senior calf).

Females: Two-year-olds (10 shown)—1, Bianchi; 2 and 4, Smith; 3, Anderson; 5, Wyoming Hereford Ranch. Senior yearlings (13 shown)—1, 3 and 5, Smith; 2, Circle M Ranch, Senatobia, Miss.; 4, Largent & Son. Junior yearlings (22 shown)—1, Anderson; 2, Birdwood Farms, Charlottesville, Va.; 3, Boyd & Son; 4, Wyoming Hereford Ranch; 5, Bortz Bros., Uniontown, Pa. Summer yearlings (27 shown)—1, W. J. Largent & Son; 2 and 4, Wyoming Hereford Ranch; 3, Roy B. Largent & Sons, Merkel, Texas; 5, Anderson. Senior calves (19 shown)—1, Anderson; 2 and 5, Smith; 3, W. J. Largent & Son; 4, Hi-Point. Junior calves (18 shown)—1, Roy B. Largent & Sons; 2, Smith; 3, W. J. Largent & Son; 4, Anderson; 5, Portage Farms, Woodville, Ohio.

Champion Females: Champion—W. J. Largent & Son on Blue Bonnet Domino 13th (senior yearling). Reserve champion—Anderson on CA Citationette 7th (senior calf).

Groups: Get of sire (18 shown)—1 and 4, Smith; 2, Bianchi; 3, Wyoming Hereford Ranch; 5, Anderson. Two females (26 shown)—1, Smith; 2, W. J. Largent & Son; 3, Anderson; 4, Bianchi; 5, Wyoming Hereford Ranch. Pair yearlings (15 shown)—1, Wyoming Hereford Ranch; 2 and 3, Anderson; 4, Smith; 5, Birdwood Farms, Charlottesville, Va. Pair calves (27 shown)—1 and 5, Smith; 2 and 4, W. J. Largent & Son; 3, Anderson. Three bulls (20 shown)—1, Smith; 2, W. J. Largent & Son; 3, Bianchi; 4, Wyoming Hereford Ranch. Two bulls (25 shown)—1, Smith; 2, W. J. Largent & Son; 3, Wyoming Hereford Ranch; 4,

(Continued on next page)

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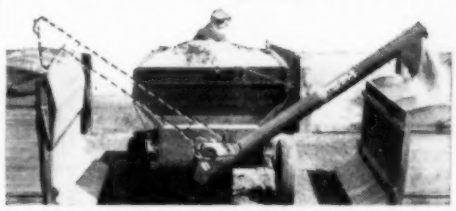

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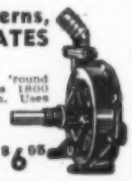

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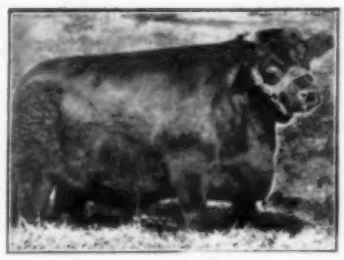

Champion Shorthorn female at International Livestock Exposition in Chicago was Golden Rule Luxury, exhibited by Holz Brothers, of Rippey, Iowa.

Envious Bardolier 3d, owned by El-Jon Farms, of Rose Hill, Iowa, added to long string of honors by taking the junior Angus bull title at the 1949 International.

Bianchi; 5, Anderson. Best 10 head—Smith.

SHORTHORNS

Judge — Herman Purdy, Columbus, Ohio.

Bulls: Two-year-olds (5 shown)—1 Clausen Bros., Spencer, Iowa; 2, McCone Bros., Defiance, Iowa; 3, Edellyn Farms, Wilson, Ill.; 4, Femco Farms, Breckenridge, Minn.; 5, Mather Bros., Mason City, Ill. Senior yearlings (7 shown)—1, Mather Bros.; 2, Edellyn; 3, Hal Williams, Madera, Calif.; 4, E. J. Tweed, Lake Forest, Ill.; 5, Marellbar Farms, Libertyville, Ill. Junior yearlings (17 shown)—1, D. M. Gregg, Harrisonville, Mo.; 2, Held Bros., Hinton, Iowa; 3, Clausen Bros.; 4, Carl D. McKenzie, Armington, Ill.; 5, Mathers Bros. Summer yearlings (21 shown)—1, Edellyn; 2, Femco; 3, Wilbur P. Spring & Son, Belgrade, Mont.; 4, Held Bros.; 5, Marellbar. Senior calves (33 shown)—1, Tip Top Farm, Lafayette Ind.; 2, Ralph W. Bivin, Waverly, Ill.; 3, Joseph M. Collins, Dell Rapids, S. D.; 4 and 5, Edellyn. Junior calves (21 shown)—1, Edellyn; 2, John L. Turner, Broadway, Va.; 3, Otis A. Carter & Son, Eldorado, Ill.; 4, Mathers Bros.; 5, Marellbar.

Champion Bulls: Champion—Clausen Bros. on Killearn Max Juggler (two-year-old. Reserve champion—Gregg on Gregg Farm Hoartfrost (junior yearling).

Females: Two-year-olds (8 shown)—1, Clausen Bros.; 2, Ernest M. Sims, Elkhart, Ind.; 3, Edellyn; 4, Mathers Bros.; 5, Holz Bros., Rippey, Iowa. Junior yearlings (21 shown)—1, Holz Bros.; 2 and 5, Femco; 3, Marellbar; 4, Clausen Bros. Summer yearlings (29 shown)—1, Holz Bros.; 2, Held Bros.; 3, Sims; 4, Edellyn; 5, Marellbar. Senior calves (26 shown)—1, O. W. House, Washington, C. H., Ohio; 2, Sims; 3, McCone Bros.; 4, Marellbar; 5, Ashbourne Farms, Prospect, Ky. Junior calves (30 shown)—1, Mathers Bros.; 2 and 4, Marellbar; 3, Edellyn; 5, House.

Champion Females: Champion—Holz Bros. on Golden Rule Luxury (junior yearling). Reserve champion—Mathers Bros. on Leveldale Crocus (junior calf).

Groups: Get of sire (13 shown)—1, and 5, Edellyn; 2, Sims; 3, Carter & Son; 4, Marellbar. Two females (19 shown)—1, Clausen Bros.; 2, Sims; 3, House; 4, Mathers Bros.; 5, Marellbar. Pair yearlings (17 shown)—1, Mathers Bros.; 2, Femco; 3, Held Bros.; 4, Edellyn; 5, Marellbar. Pair calves (19 shown)—1, Mathers Bros.; 2, Edellyn; 3, Carter & Son; 4, Marellbar; 5, Sims. Best 10 head—Edellyn. Three bulls (13 shown)—1 and 3, Edellyn; 2, Mathers Bros.; 4, Held Bros.; , Clausen Bros. Two bulls (18 shown)—1 and 3, Edellyn; 2, Held Bros.; 4, Carter & Son; 5, Marellbar.

POLLED SHORTHORNS

Judge: Alexander Edgar, Urbana, Ill.

Bulls: Two-year-olds (3 shown)—1, Cherry Hill, Glyndon, Md.; 2, A. G. Schubert, Hamilton, Ohio; 3, Janesway Farms, Inc., Chillicothe, Ohio. Senior yearlings (3 shown)—1, C. B. Teegardin & Sons, Ashville, Ohio; 2, M. E. Beman & Sons, Thurman, Ohio; 3, Alpine Farms, Lexington, Mo. Junior yearlings (9 shown)—1, Leemon Stock Farm, Hoopeston, Ill.; 2, Reeves & DeBusk, Crawfordsville, Ind.; 3, Lynnwood Farm, Carmel, Ind.; 4, Cherry Hill; 5, Janesway. Summer yearlings (9 shown)—1, Teegardin & Sons; 2, Lynnwood; 3 and 5, Lewis W. Thieman, Concordia, Mo.; 4, Cherry Hill. Senior calves (17 shown) — 1, 2 and 3, Cherry Hill; 4, Teegardin & Sons; 5, G. W. Symonds, Victoria, Ill. Junior calves (13 shown)—1, Lynnwood; 2, Teegardin & Sons; 3, Thieman; 4, Janesway; 5, Wm. H. McDonnell, Yorkville, Ill.

Champion Bulls: Champion — Cherry Hill on Cherry Hill Royal Leader (senior calf). Reserve champion—Cherry Hill on CH Bold Salute (senior calf).

Females: Two-year-olds (6 shown)—1, Cherry Hill; 2, Teegardin & Sons; 3, Alpine; 4, McDonnell; 5, Paul W. Teegardin, Jr., Ashville, Ohio. Senior yearlings (7 shown)—1, Cherry Hill; 2, McDonnell; 3, Beman & Sons; 4, Teegardin & Sons; 5, Maxwalton. Junior yearlings (10 shown) — 1, Schubert; 2, Thieman; 3, Cherry Hill; 4, McDonnell; 5, Lynnwood. Summer yearlings (15 shown)—1, Cherry Hill; 2, Lynnwood; 3, Thieman; 4, Teegardin & Sons; 5, Reeves & DeBusk. Senior calves (24 shown)—1, Thieman; 2, Cherry Hill; 3, Vanity Herd Farms, Parkville, Mo.; 4, Symonds; 5, Lynnwood. Junior calves (14 shown)—1 and 4, Lynnwood; 2, Janesway; 3, Teegardin & Sons; 5, Thieman.

Champion Females: Champion — Thieman on Nonpareil Coronita 12th (senior calf). Reserve champion — Cherry Hill on Cherry Hill Augusta Brae (two-year-old).

Groups: Get of sire (9 shown)—1 and 3, Cherry Hill; 2, Thieman; 4, Lynnwood; 5, Teegardin & Sons. Two females (14 shown)—1 and 3, Cherry Hill; 2, Thieman; 4, Lynnwood; 5, Teegardin & Sons. Pair yearlings (10 shown)—1 and 3, Cherry Hill; 2, Teegardin & Sons; 4, Lynnwood; 5, Thieman. Pair calves (14 shown)—1 and 3, Cherry Hill; 2, Thieman; 4, Lynnwood; 5, Teegardin & Sons. Best 10 head (3 shown)—1, Cherry Hill. Three bulls (11 shown)—1, Cherry Hill; 2, Teegardin & Sons; 3, Lynnwood; 4, Leemon; 5, Thieman. Two bulls (12 shown)—1, Cherry Hill; 2, Teegardin & Sons; 3, Lynnwood; 4, Thieman; 5, Schubert & Sons.

Fat Cattle

STEERS

Judges: Angus, A. D. Weber, Manhattan, Kan.; Herefords, Dale Carrithers, Mission San Jose, Calif.; Shorthorns, Dr. A. D. Weber, Manhattan, Kan.

Aberdeen Angus — Junior yearlings (26 shown)—1, Bonnie Lu Logan, Van Wert, Ohio; 2, Orin James, Jr., Caldwell, Mo.; 3, Iowa State College, Ames, Iowa. Summer yearlings (30 shown)—1, Betty Hartter, Carlock, Ill.; 2, Kenneth Eitel, Green Castle, Mo.; 3, J. H. Quisenberry & Sons, Winchester, Ky. Senior calves (29 shown) — 1, Harken Farms, Osceola, Iowa; 2, Robert G. Schmidt, Delmar, Iowa; 3, C. E. Yoder & Sons, Muscatine, Iowa. Junior calves (19 shown)—1, Yoder & Sons; 2, C. V. Whitney Farms, Old Westbury, N. Y.; 3, Eitel. Group of three (18 shown)—1, Iowa State College; 2, J. F. Mommsen & Sons, Miles, Iowa; 3, Yoder & Sons.

Herefords: Junior yearlings (27 shown)—1, Pecos County 4-H Club, Fort Stockton, Texas; 2, Fred DeBoer, Wyoming, Ill.; 3, Ira Linn, Verden, Okla. Summer yearlings (27 shown)—1 and 3, William Irvine, Dysart, Iowa; 2, Roy R. Largent & Sons, Merkel, Texas. Senior calves (23 shown)—1, Arthur Timm, Tama, Iowa; 2, University of Wyoming, Laramie, Wyo.; 3, James Smoker, Wanatah, Ind. Junior calves (14 shown)—1, Chino Farms, Church Hill, Md.; 2, Donald Hewett, Big Spring, Texas; 3, Charles Brown, Chickasha, Okla. Group of three (13 shown)—1, Irvine; 2, Garfield County 4-H, Enid, Okla.; 3, University of Wyoming.

Shorthorns: Junior yearlings (20 shown)—1, Oklahoma A. & M. College, Stillwater, Okla.; 2, Ohio State University, Columbus, Ohio; 3, University of Wyoming, Laramie, Wyo. Summer yearlings (23 shown)—1, University of Wyoming; 2, Arthur H. Windom, Villisca, Iowa; 3, Terry Greathouse, Hindsboro, Ill. Senior calves (18 shown)—1, University of Wisconsin; 2, University of Wyoming; 3, Iowa State College. Junior calves (10 shown)—1, Robert Williams, Blairsburg, Iowa; 2, George Garvin Brown, Prospect, Ky.; 3, Joe Duea, Belmond, Iowa. Group of three—1, University of Wyoming; 2, Ohio State University; 3, Oklahoma A. & M. College.

Champion Steers By Breeds: Shorthorn, Oklahoma A. & M. College; reserve, Ohio State University. Hereford, Pecos County 4-H Club; reserve, Chino Farms. Aberdeen-Angus, Bonnie Lu Logan; reserve, Harken Farms.

Champion Steers By Age: Pecos County 4-H Club (Hereford); reserve, Bonnie Lu Logan (Aberdeen Angus). Summer yearling, Betty Hartter (Aberdeen Angus); reserve, Eitel (Aberdeen Angus). Senior calf, Harken Farms (Aberdeen Angus); reserve, Timm (Hereford). Junior calf, Chino Farms (Hereford); reserve, Hewett, (Hereford).

Champion Group of Three: Arthur Timm (Herefords); reserve, Iowa State College (Aberdeen Angus).

Grand Champion Steer of the Show: Pecos County 4-H Club (Hereford junior yearling); reserve, Chino Farms (Hereford junior calf).

CARLOTS

Judges: H. C. Overman, Chicago; M. S. Hughes, Chicago; Pat Burns (associate), Chicago.

Shorthorns: Under 1,050 pounds (1 shown)—1, Gus Bremer & Son, Stanton, Neb. 1,050 to 1,150 pounds (4 shown) — 1, Wilson Farms, Earlham, Iowa; 2, Nelson Farms, Geneseo, Ill.; 3, Bremer & Son. 1,150 pounds and over (1 shown)—1, E. F. & Harold Goecke, State Center, Iowa.

Herefords: Under 1,050 pounds (3 shown)—1, Karl & Jack Hoffman, Ida Grove, Iowa; 2, Carl Lippold & Son, LeClaire, Iowa; 3, John Hubly, Mason City, Ill. 1,050 to 1,150 pounds (6 shown)—1, W. H. Jargo & Sons, Teedsgrove, Iowa; 2, Lippold & Son; 3, Hugh Morris, Ainsworth, Iowa. 1,150 pounds and over (9 shown)—1, Jargo & Sons; 2, Leo Harmsen, Teedsgrove, Iowa; 3, Dilman Wilson, Bryant, Iowa.

Aberdeen Angus: Under 1,050 pounds (11 shown)—1 and 2, Schmidt Bros., DeWitt, Iowa; 3, J. A. Clark, Ogden, Iowa. 1,050 to 1,150 pounds (19 shown)—1 and 3, Schmidt Bros.; 2, J. F. Mommsen & Sons, Miles, Iowa. 1,150 pounds and over (12 shown)—1 and 3, Schmidt Bros.; 2, Mommsen & Sons.

Champion Carlots By Breed: Shorthorns — Wilson Farms (medium-

(Continued on next page)

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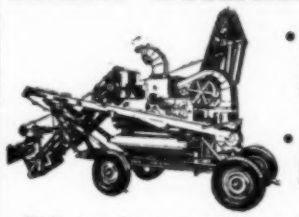

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Page

FARM BUILDINGS AND IMPROVEMENTS:

Farm Building Plans 13
Silo Prefabrication 21

FARM MACHINERY AND SUPPLIES:

Account Book 18
Chain Saw 16
Farm Equipment Booklet 19
Farming for Profit 22
Feeder 35
Generator 22
Tractor Gear 35
Truck Body and Hoist Catalog 19
Unloader 33

LIVESTOCK FEEDS AND REMEDIES:

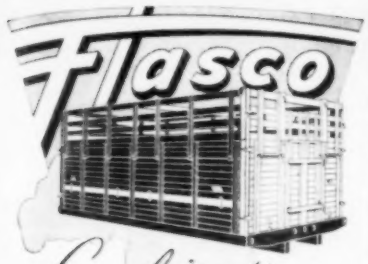
Feed 28
Feed Formulas 32
Meal Circular 14
Raising Better Poultry 22
Road to Profit or Road to Loss 17
True Picture Story of 17 Scrub Pigs 17

NURSERY AND SEEDS:

Seed Samples and Catalog 26-36-37
Oat Catalog 32

MISCELLANEOUS:

Fish Booklet 28
Income Tax Booklet 27
Italian Accordion Catalog 21
Loan Book 21
Mail Box Nameplate 22
Rheumatism Booklet 23



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weight. Herefords — Hoffman (1,015 pounds). Angus—Schmidt Bros. (lightweight).

Grand Champion Carlot: Schmidt Bros., Angus (1,032 pounds); reserve, Hoffman, Herefords (1,015 pounds).

CARCASS STEERS

Judges: Fred Haigler, Chicago; Ellard Pfaelzer, Chicago; E. A. Hales, Guelph, Ontario.

Junior Yearlings (7 shown)—1, Tilden J. Burg & Son, Sciota, Ill.; 2, Howard B. Held, Hinton, Iowa; 3, Edward & Vernon C. Hamann, Wilton Junction, Iowa.

Summer Yearlings (21 shown) — 1, Kenneth Eitel, Green Castle, Mo.; 2, John R. Gill, Marion, Iowa; 3, Golden Lawn Farms, Carthage, Ind.

Champion Carcass Steer on Hoof: Eitel (Angus); reserve—Burg & Son (Angus).

Junior Yearling Carcasses (7 shown)—1, Howard Held, Hinton, Iowa (Hereford); 2, Louis Rodhouse, Pleasant Hill, Ill. (Angus); 3, Jane Kay Weir, Gladstone, Ill. (Angus).

Summer Yearling Carcasses (21 shown) — 1, Held (Angus); 2, James Sample, Jr., Spring Valley, Minn. (Angus); 3, Willard Hanson & Son, Monmouth, Ill. (Angus).

Champion Steer Carcass—Held (Angus summer yearling); reserve, Sample (Angus summer yearling).

Junior Feeders

STEERS

Judge: A. D. Weber, Manhattan, Kan.

Champion Steers By Breed: Shorthorn—Lloyd Ruttman, Moorcland, Okla. (senior calf); reserve Terry Greathouse, Hindsboro, Ill. (summer yearling). Hereford—Beryl King, Breckenridge, Okla. (summer yearling); reserve, Joseph Kriegbaum, Huntington, Ind. (summer yearling). Aberdeen Angus—Bonnie Lu Logan, Van Wert, Ohio (junior yearling); reserve, Betty Hartter, Carlock, Ill. (summer yearling).

Champion Steer of Contest: Bonnie Lu Logan, Van Wert, Ohio (Aberdeen Angus junior yearling); reserve—Betty Hartter, Carlock, Ill. (Aberdeen Angus summer yearling).

Champion County Group of Three: Garfield county, Oklahoma; reserve, Cuming county, Nebraska.

State Group of 10: 1, Oklahoma; 2, Illinois; 3, Iowa; 4, Nebraska.

BARROWS

Judge: A. L. Anderson, Ames, Iowa.

Champion Barrow: Rolland Anderson, Leland, Ill. (lightweight Poland China); reserve—Andy Grimes, West Union, Iowa (ligtweight Hampshire).

LAMBS

Judge: Claude Harper, Lafayette, Ind.

Champion Pen of Three: Carlisle Besuden, Winchester, Ky (under 95 pounds).

Fat Hogs

BARROWS

Judges: Wilbur Plager, Des Moines, Iowa (Durocs, Berkshires); Guy E. McReynolds, Ashland, Neb. (Hampshires); W. O. Hodson, Carlos, Ind. (Spotted Polands); W. C. Anderson, West Liberty, Iowa (Polands); Arthur Jordan, Columbus, Ohio (Chester Whites); A. L. Anderson, Ames, Iowa (OIC's, Herefords); E. S. Ferrin, St. Paul, Minn. (Yorkshires); W. H. Kerr, College Park, Md. (Tamworths); L. A. Weaver, Columbia, Mo., and R. G. Knox, Guelph, Ontario (grand champions).

Duroc Jerseys: Light (13 shown)—1, Art Arens, Hartington, Neb.; 2, Purdue University, Lafayette, Ind.; 3, Michigan State College, East Lansing, Mich. Medium (20 shown)—1 and 2, Michigan State; 3, Purdue. Heavy (20 shown)—1, Purdue; 2, Arens; 3, C. J. Wolsch & Sons, Mooresville, Ind. Light pen (5 shown)—1, Arens; 2, Purdue; 3, Michigan State. Medium pen (7 shown)—1, Michigan State; 2, Purdue; 3, Arens. Heavy pen (6 shown)—1, Purdue; 2, Welsch & Sons; 3, Arens. Get of sire (4 shown)—1, Arens; 2, Michigan State; 3, Purdue. Champion barrow — Michigan State (middleweight; reserve—Michigan State (middleweight). Champion pen — Michigan State (middleweight); reserve—Purdue (middleweight).

Berkshires: Light (23 shown)—1 and 3, Ohio State; 2, Emerson Littlejohn, Christiansburg, Ohio. Medium (24 shown)—1 and 3, Ohio State; 2, Michigan State. Heavy (13 shown)—1, Ohio State; 2, Larry Cole, Walkerton, Ind.; 3, Purdue. Light pen (7 shown)—1, Ohio State; 2, Littlejohn; 3, Milo V. Wolrab, Mt. Vernon, Iowa. Medium pen (5 shown)—1, Ohio State; 2, Michigan State; 3, Littlejohn. Heavy pen (4 shown)—1, Ohio State; 2, Cole; 3, Purdue. Get of sire (4 shown)—1, Ohio State; 2, Cole; 3, Littlejohn. Champion barrow—Ohio State (mediumweight); reserve — Ohio State (lightweight). Champion pen — Ohio State (lightweight; reserve—Ohio State (heavyweight).

Hampshires: Light (12 shown)—1 and 2, Roger Worthington & Sons, Pontiac, Ill.; 3, James Nance & Sons, Alamo, Tenn. Medium (56 shown)—1, Worthington & Sons; 2, Ohio State; 3, Wm. Allen Wright, Paris, Ill. Heavy (32 shown)—1, Willard Gucklan & Son, Camden, Ohio; 2, Perry Husser & Son, Princeton, Ill.; 3, Compton & Doversberger, Sharpsville, Ind. Light pen (8 shown)—1, Shadeland Farms, Lafayette, Ind.; 2, Nance & Sons; 3, O'Bryan Ranch, Hiattville, Kan. Medium pen (14 shown)—1, Wright; 2, Ohio State; 3, Shadeland Farms. Heavy pen (6 shown)—1, Shadeland Farms; 2, Ohio State; 3, Barrow Farms, Gibson City, Ill. Get of sire (9 shown)—1, Wright; 2, Ohio State; 3, Paul Hawkins, Oakland, Ill. Champion barrow—Gucklan & Son (heavy); reserve — Worthington (light). Champion pen—Wright (medium); reserve — Shadeland Farms (heavy).

Spotted Poland Chinas: Light (17 shown)—1, O. L. Woodward & Son, Piper City, Ill.; 2, Vaughn Lipp, Osceian, Ind.; 3, Hubert Y. Grogg, Peru, Ind. Medium (18 shown)—1, Grogg; 2, Woodward & Son; 3, Arnold Moore, Wabottville, Ind. Heavy (16 shown)—1, Byron Meech, Beloit, Wis.; 2 and 3, Grogg. Light pen (5 shown)—1, Lipp; 2, Moore; 3, Woodward & Son. Medium (5 shown)—1, Grogg; 2, Woodward & Son; 3, Meech. Heavy pen (5 shown)—1, Grogg; 2, Meech; 3, Lipp. Get of sire (6 shown) — 1, Grogg; 2, Meech; 3, Moore. Champion barrow—Woodward & Son (light); reserve—Lipp (light). Champion pen—Lipp (light); reserve—Grogg (medium).

Poland Chinas: Light (24 shown)—1, 2 and 3, Oscar Anderson & Sons, Leland, Ill. Medium (28 shown)—1 and 2, Anderson & Sons; 3, Michigan State. Heavy (18 shown)—1, Rolland Anderson, Leland, Ill.; 2 and 3, Anderson & Sons. Light pen (6 shown)—1, Anderson & Sons; 2, University of Wisconsin; 3, E. G. Crandall & Son, Erie, Ill. Medium pen (8 shown)—1, Anderson & Sons; 2, University of Wisconsin; 3, Luther Rike, Piqua, Ohio. Heavy pen (6 shown)—1, Anderson & Sons; 2, University of Wisconsin; 3, Purdue. Get of sire (7 shown)—1, Anderson & Sons; 2, University of Wisconsin; 3, Purdue. Champion barrow—Anderson & Sons (middleweight); reserve—Anderson & Sons (lightweight). Champion pen—Anderson & Sons (middleweight); reserve—University of Wisconsin (middleweight).

Chester Whites: Light (28 shown)—1, Callahan Bros., Milford, Ill.; 2, B. Parker Newsom, Jr., Columbus, Ind.; 3, Glenn Cox & Son, Wabash, Ind. Medium (37 shown) — 1, University of Wisconsin; 2, Hal White, Chicago, Ill.; 3, Purdue. Heavy (23 shown)—1, Purdue; 2, Newsom; 3, University of Wisconsin. Light pen (7 shown)—1, Newsom; 2, Cox & Son; 3, Callahan Bros. Medium pen (12 shown)—1, University of Wisconsin; 2, Purdue; 3, Tip Top Farms, Flora, Ind. Heavy pen (6 shown) — 1, Newsom; 2, Purdue; 3, University of Wisconsin. Get of sire (8 shown)—1 University of Wisconsin; 2, Newsom; 3, Tip Top Farms. Champion barrow — Callahan Bros. (lightweights), reserve — Newsom (lightweight. Champion pen—Newsom (lightweight); reserve—Cox & Son (lightweight).

OIC: Light (9 shown)—1 and 2, Clarence Kinsey, Ludlow Falls, Ohio. Medium (3 shown)—1, 2 and 3, Kinsey. Heavy (6 shown)—1, Fred Nickel & Sons, Monroe, Mich. Light pen (3 shown) — 1, Kinsey. Medium pen (1 shown)—1, Kinsey. Heavy pen (2 shown)—1, Nickel & Sons. Get of sire (2 shown)—1, Kinsey. All championships—Kinsey.

Yorkshires: Light (12 shown) — 1, Glenwood School for Boys, Glenwood, Ill. Medium (13 shown)—1, Glenwood

(Continued on next page)

School for Boys. Heavy (12 shown)—

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From where I sit ... *by* Joe Marsh

Watch Out For The Symptoms!

Laughed out loud when I heard Hoot Davis was down with Chicken Pox. A man of forty-five catching a kid's disease!

So I went to see him, armed with jokes about "second childhood" but forgot them fast when I got there. Hoot looked terrible and had quite a fever.

While we talked, I thought how Chicken Pox is like other "diseases"—diseases of the character, such as intolerance, self-righteousness or just plain ignorance. They're excusable in children, but when they come out in adults they're ten times as bad—and can be mighty "contagious."

From where I sit, we should all watch out for the "symptoms"—little things like criticising a person's preference for a glass of temperate beer or ale. We've seen personal freedom wither away in other countries, when individual intolerance was allowed to get out of hand and become a nation-wide epidemic.

Joe Marsh

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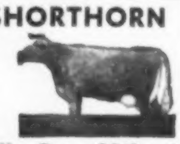

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1, M. H. Routon, Camb, Ind. Light pen (4 shown)—1, Jess C. Andrew, Jr., West Point, Ind. Medium pen (4 shown)—1, Glenwood School for Boys. Heavy pen (4 shown)—1, Andrew. Get of sire (3 shown)—1, Glenwood School for Boys. Champion barrow — Glenwood School for Boys (medium); reserve—Routon (medium). Champion pen — Glenwood School for Boys (medium); reserve—Andrew (medium).

Tamworths: Light (5 shown)—1, Perry Clauss, Mazon, Ill. Medium (6 shown)—1, 2 and 3, Clauss. Heavy (4 shown)—1, 2 and 3, Tuscawilla Farm, Lewisburg, W. Va. Light pen (1 shown)—1, J. H. Jones, Ainsworth, Iowa. Medium pen (6 shown)—1, 2 and 3, Clauss. Heavy pen (1 shown)—1, Tuscawilla. Get of sire (2 shown)—1, Clauss. Champion barrow—Perry A. Clauss, Mazon, Ill. (medium); reserve—Clauss (medium). Champion pen—Clauss (medium); reserve—J. H. Jones, Ainsworth, Iowa (light).

Herefords: Light (8 shown)—1, Sellers Bros., Chariton, Iowa. Medium (7 shown) — 1, Monroe D. Yoder, Kalona, Iowa. Heavy (1 shown)—1, C. W. Shellhouse, Sycamore, Ohio. Light pen (4 shown)—1, Shellhouse. Medium pen (2 shown)—1, Shellhouse. Get of sire (2 shown)—1 and 2, Shellhouse. Champion barrow—Sellers Bros. (light); reserve—Yoder (medium). Champion pen—Shellhouse (light); reserve—Sellers Bros. (light).

Champions By Weight: 200-230 pounds—Callahan Bros. (Chester White); reserve—Ohio State (Berkshire). 231-270 pounds — Ohio State (Berkshire); reserve — Glenwood School for Boys (Yorkshire). 271-300 pounds—Guckian & Son (Hampshire); reserve — Ohio State (Berkshire).

Grand Champion Barrow: Ohio State (medium Berkshire); reserve—Guckian & Son (heavy Hampshire).

Grand Champion Pen: Wright (medium Hampshire); reserve — Newsom (medium Chester White).

CARLOTS

Judges: George B. Brittain and Earl Caughey, Chicago, Ill.

Carlots: Light (15 shown)—1, Stanley K. Swift, Gilman, Iowa (Berkshires); 2, Rock Creek Farm, Plano, Ill. (Hampshires); 3, Jim, John, Jerry Schlichting, Apple River, Ill. (crossbreds). Medium (12 shown)—1, Ferndale Farms, Cedarville, Ohio (Hampshires); 2, Oscar W. Anderson & Sons, Leland, Ill. (Poland Chinas); 3, McGuire Hampshire Farms, Wisner, Neb. (Hampshires). Heavy (4 shown) — 1, Anderson & Sons (Poland Chinas); 2, Schlichtings (Hampshires); 3, J. W. Muhl & Sons, Toronto, Iowa (Chester Whites. Champion load—Swift (lightweight Berkshires).

CARCASS BARROWS

Judges: Carroll Plager, Austin, Minn. (on hoof); K. F. Warner, Washington, D. C., and James E. Wiley, Lafayette, Ind. (carcasses).

Carcass Barrows on Hoof: Light—1, Emerson Littlejohn, Christiansburg, Ohio (Berkshire); 2, Marsh Foundation Farms, Van Wert, Ohio (Hampshire); 3, Milo V. Wolrab, Mt. Vernon, Iowa (Berkshire). Medium (52 shown)—1, Ohio State University (Berkshire); 2, Oscar W. Anderson & Sons, Leland, Ill. (Poland); 3, Michigan State College (Berkshire). Heavy (29 shown) — 1, Wolrab (Berkshire); 2, Michigan State (Hampshire); 3, Iowa State College (Poland).

Champion Carcass Barrow on Hoof: Littlejohn (Berkshire lightweight).

Barrow Carcasses: Light—(42 shown)—1 and 2, J. L. Stuckey, Wilmington, Ohio (Polands); 3, Wallace St. John, Maroa, Ill. (Mont. No. 1). Medium (52 shown) — 1, Michigan State College (Berkshire); 2, Ohio State University (Berkshire); 3, Anderson & Sons (Poland). Heavy (29 shown)—1, Wolrab (Berkhire); 2, Chas. McCalla & Sons, Ann Arbor, Mich. (Chester); 3, Howard Cole, Walkerton, Ind., (Berkshire).

Champion Barrow Carcass: Wolrab (Berkshire heavyweight); reserve, Stuckey (Poland lightweight).

Breeding Sheep

Judges: Fred W. Gurney, Paris, Ontario, and Claude Harper, Lafayette, Ind. (Shropshire); Ronald Hogg, Salem, Ore. (Hampshire); Gurney (Oxford); Arnold Guardhouse, Weston, Ontario (Lincoln and Cotswold); Alex McKenzie, Stillwater, Okla. (Southdown); Don Pullin, Waterloo, Iowa (Cheviot); C. L. Clevenger, Freeport, Ill. (Dorset); J. M. Davidson, Laramie, Wyo. (Rambouillet); William Duncan, Lake Villa, Ill. (Suffolk); R. F. Hesler, Cantril, Iowa (Corriedale).

Southdowns: Champion ram — Don Head Farms, Richmond Hill, Ontario; reserve—C. M. Kindoll, Wheatley, Ky. Champion ewe—Kindoll; reserve—Don Head Farms.

Shropshires: Champion ram — A. J. Moore, Butler, Ind.; reserve — George McKerrow & Sons, Pewaukee, Wis. Champion ewe—F. M. Shultz, De Graff, Ohio; reserve—Moore.

Dorsets: Champion ram — Engel Anderson, Rushville, Ind.; reserve—Anderson. Champion ewe—Anderson; reserve—Robert M. Jackson, Seneca, Ill.

Hampshires: Champion ram — Deer Valley Farms, Fiatt, Ill; reserve — University of Wyoming, Laramie. Champion ewe—Wm. F. Renk & Sons, Sun Prairie, Wis.; reserve—Iowa State College, Ames, Iowa.

Oxfords: Champion ram—Wm. Duncan, Lake Villa, Ill.; reserve—William C. Nash, Sharpsville, Ind. Champion ewe—T. H. Peacock, Crystal Beach, Ontario; reserve—Duncan.

Cheviots: Champion ram—Alvin Helms & Sons, Belleville, Ill.; reserve—Mrs. David McDowell, Mercer, Pa. Champion ewe — Helms; reserve, Helms.

Lincolns: Champion ram — Stanley Graham, Alvinston, Ontario; reserve—H. M. Lee & Sons, Highgate, Ontario. Champion ewe—Lee; reserve—Graham.

Rambouillets: Champion ram — Kenneth S. Knox; reserve—Omar A. Wright & Son, Greenwood, Ind. Champion ewe—Wright; reserve — C. A. Hardt, Sigel, Ill.

Suffolks: Champion ram — Wm. Renk & Sons, Sun Prairie, Wis.; reserve—J. B. Vance, Washington C. H., Ohio. Champion ewe—J. L. Foucht, Upper Sandusky, Ohio; reserve—Foucht.

Corriedales: Champion ram—Barrington Hall Farm, Salem, Wis.; reserve—J. F. and H. H. Walker, Gambier, Ohio. Champion ewe—Barrington Hall; reserve—University of Wyoming.

Cotswolds: Champion ram—C. J. Shore, Glanworth, Ontario; reserve—Shore. Champion ewe—Shaffer Bros., West Milton, Ohio; reserve—C. P. Harding, Sigel, Ill.

Fat Sheep

WETHERS

Judge: J. C. Holbert, Washington, Iowa.

Grand Champion Wether: University of Kentucky (Southdown); reserve—University of Kentucky (Hampshire).

Grand Champion Pen—University of Kentucky (Hampshires); reserve — University of Kentucky (Southdowns).

CARLOTS

Judge: L. C. Knollin, Chicago, Ill.

Native Lambs: Light—1, H. C. Besuden, Winchester, Ky. Heavy—1, Howard Vaughn, Dixon, Calif.

Range Lambs: Light—1, R. J. Wilson & Son, Sac City, Iowa. Heavy—1, Elmer Blank, Coal Valley, Ill.

Champion Carlot: Besuden (light natives).

CARCASSES

Judges: K. M. Timmerman and George Dressler, Chicago, Ill.

Champion Carcass: University of Illinois, Champaign (Southdown); reserve—University of Wisconsin, Madison (Southdown).

Draft Horses

Clydesdales: Judge—Thomas P. Devlin, Winnipeg, Manitoba. Grand champion stallion—Chester Weston, Concord, Mich., on Oakwood. Grand champion mare—Nathan Goff, Clarksburg, W. Va., on Torrs Britannia.

Shires: Judge — Harry Linn, Des Moines, Iowa. Grand champion mare—John C. Clifton, Milford, Ill., on Clifton's Rosie.

Belgians: Judge—Ralph Humes, Delaware, Ohio. Grand champion stallion—C. O. House, Arcadia, Ind., on Jay Farceur II. Grand champion mare—W. G. Harkness & Son, Sandusky, Ohio, on Victory.

Percherons: Judge — D. P. Hayes, Powell, Ohio. Grand champion stallion—L. C. Hay, Loudonville, Ohio, on Don. Grand champion mare—Frank C. Rathje, Palatine, Ill., on Lady Sabina.

New Foot-Mouth Virus

An October outbreak of foot-and-mouth disease north of the central Mexican quarantine line was caused by virus type "O," reports the USDA. Previous infection in Mexico had been due entirely to the more common virus type "A."

The new outbreak is of grave concern to the joint Mexican-United States commission fighting foot-and-mouth disease because its vaccination and quarantine program had been directed against the older type virus. Immunity built up in susceptible animals against infection from type "A" virus is not effective against type "O."

However, the commission has been prepared against the appearance of the new type. A policy of slaughter and burial will be followed wherever the type "O" virus appears.

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Livestock News

Top price in the International Shorthorn Congress sale at Chicago, November 30, was the $4,900 paid for Greenwood Souvenir, from the herd of David S. Graham, South Solon, Ohio. He went to Carl Standard, Mansfield, Ohio, after a spirited bidding contest between Standard and Otis Carter, Eldorado, Ill.

The champion bull, Imp. Walshford Courageous, from the Mathers Bros. herd at Mason City, Ill., went to Carl Retzlaff, Walton, Neb., at $2,500. Sierra Excellence, a red son of Imp. Beaufort Brigand and consigned by Hal Williams, Madera, Calif., sold for $1,300 to Swanson Bros., Estherville, Iowa. Eureka Upright, by Imp. Pittodrie Upright, sold at $1,000 to S. W. and H. W. Pringnatz, Kanawha, Iowa.

Champion female, Violet's Princess 26th, by Goldfinder's Champion and mated to International champion Killearn Max Juggler, was consigned by Clausen Bros., Spencer, Iowa, and sold for $2,000 to Art Arens, Hartington, Neb. Clipper Lady 2d, also a Clausen entry, went at $1,450 to John Alexander 3d, Aurora, Ill.

The sale's 40 bulls averaged $1,029, and 30 females averaged $809. Auctioneers Halsey, James and Swaffar sold the offering to buyers from Iowa, Wisconsin, Missouri, Nebraska, South Dakota, Illinois, Indiana, Kentucky, Kansas, Wyoming, Ohio, Minnesota, New York, Oklahoma, Montana, Michigan, Maryland, Pennsylvania and California.

Fifty bulls sold for an average of $407 in the Iowa Polled Hereford show and sale, at Des Moines, December 6. Champion bull of the show, MC Don Domino 3d, an entry of Menno Claasen, Beatrice, Neb., topped the sale at $1,675, going to M. J. Seitsinger, Kinross, Iowa.

Westhaven Place, Denison, Iowa, sold the second top bull, a two-year-old sired by The Compress 23d. He went to Harold Skerritt, Malvern, Iowa, for $1,200. J. W. Campbell, Tiffin, Iowa, gave $1,050 for an entry from the Pullman Stock Farm, Sidney, Iowa.

Campbell also bought the champion female, a year-old heifer entered by Mrs. John J. Kelleher, Winterset, Iowa. Price was $1,325. Westhaven Place consigned the reserve champion female, which sold to R. G. Burgoin, Silver City, Iowa, for $800. The 22 females averaged $429.

The sale was managed by Leigh R. Curran, Mason City, Iowa, with Fred Chandler as auctioneer.

Top bull brought $10,500 and high female $10,000 at the International Hereford sale in Chicago, November 29. The $10,500 price was paid for Publican Domino 204th, consigned by W. J. Largent, Merkel, Texas. Buyer was Birdwood Farms, Charlottesville, Va.

Second high bull was MW Larry Domino 161st, from Milky Way Farms, Phoenix, Ariz. He sold at $5,000 to H. B. Tomlinson, Olaita, S. C.

High female was Blue Bonnet Domino 136th, a Largent entry, bought by A. H. Karpe, Bakersfield, Calif. Hillcrest Belle 18th, consigned by C. A. Smith, of Chester, W. Va., sold at $7,750 to Honey Creek Ranch, Grove, Okla.

Both the 20 bulls and the 25 females in the sale averaged $2,350.

Tops of $1,500 and $1,375 were paid at the International Polled Shorthorn sale, Chicago, December 1. Top bull was Lynwood Brilliant, from Lynwood Farm, of Carmel, Ind. He sold for $1,375 to E. P. Laughlin, Imogene, Iowa.

Top female was Nonpareil Coronita 12th, the International champion daughter of King of the Vanities, from the L. W. Thieman farm, Concordia, Mo. She sold for $1,500 to Gunn Farm, Greenfield, Ind.

The 15 bulls averaged $535, with 26 females at $485. Auctioneers were Halsey, James and Swaffar, and buyers were from Iowa, Wisconsin, Illinois, Missouri, Nebraska, Ohio, Indiana, Texas, Arkansas and Maryland.

Top bull in the International Show Window Angus sale at Chicago, December 1, sold for $11,000. He was Barbara Bandolier of Don Head, consigned by Don Head Farms, Richmond Hill, Ontario, and bought by Orchard Hill Farms, Enid, Okla.

Top female was Pardella M 2d, consigned by Witham Farms, Romeo, Mich., and selling to Bill Volkmann, of Selma, Calif., at $4,000.

Ten bulls averaged $2,880 and 40 females averaged $1,253.

Paul and Ercel Palm, Jefferson county, Iowa, have a new Guernsey national production champion in their herd. The cow, Delight of Dellahome, starting official HIR test as a junior four-year-old, made 806 pounds of fat and 16,692 pounds of milk on twice-a-day milking.

Angus Man Dies

The recent death at Marne, Iowa, of Claus Krambeck marks the passing of one of Iowa's early fitters of grad champion steers.

Claus, his brother John, and father, Claus, Sr., won many blue and purple ribbons on their Angus in the early 1900's. They won carlot championships at the International Livestock Exposition in 1904, 1905 and 1907.

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Iowa Hereford Breeders Association

SHOW
January 4th—1:00 P. M.

SALE
January 5th—12:00 Noon

At Mississippi Valley Fair Grounds

Davenport, Iowa
January 4 & 5
1950

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H. G. Holey.....**Walker**
Ed Harring.....**DeWitt**
Earl J. Harring.....**DeWitt**
Marvin Hoppel.....**Cedar Rapids**
Albert Heren.....**Monticello**
Hillandale Farm.....**Muscatine**
Frank Hubbard.....**DeWitt**
Henry Kohlenberg & Son...**Bellevue**
Anker Kleis.....**Baldwin**
Joseph W. Meeker.....**Letts**
Leroy Marcus.....**LaMotte**
Lyman E. Meyer.....**Bellevue**
Frank & Leonard Neff.....**Grand Mound**
Clarence & Gerald Paulsen.**Stockton**
Earl R. Ralfo.....**Bennett**
Albert Runge.....**Donahue**
F. Max Schomberg.....**Letts**
Fred & Duane Stock.....**Lone Tree**
Elmer T. Wiese & Sons.....**Donahue**
Roy Wiese.....**Donahue**
C. H. Williams.....**Charlotte**

The large number affords a wide selection. The **60** bulls will include bulls suitable for herd bull material for the best herds, and bulls for Farmers and Stockmen . . . a bull suitable for every need. The number should attract our best bull buyers. A beautiful lot of young, well-bred females, rich in pedigree and pleasing in type and conformation. Come to Davenport and help make **HEREFORD** history for the Association starting in 1950. Plan to attend. Ask now for **FREE** catalog. Please mention this publication. Address

ROY WIESE, Sale Mgr., Box 1, Rt. 1, DONAHUE, IOWA

Auctioneer, Guy Pettit — J. E. Halsey, Fieldman

BANQUET—BlackHawk Hotel, Davenport, Iowa, 6:30 P. M., January 4th. All are cordially invited.

—10TH ANNUAL—

Shorthorn Breeders' Sale!

In comfortable sale pavilion,
Osceola County Fairgrounds

SHOW—9:00 A. M.
SALE—12:00 Noon

JUDGE—John Blume,
Libertyville, Illinois

Sibley, Iowa
Tuesday, Jan. 10, 1950

The Nation's Finest Herds — **The Breed's Best Sires**

84 LOTS—50 BULLS, 34 FEMALES

As always, the best from three states have been selected for this great Regional Show and Sale. Cattle from these sales have gone into ten different states. There will be 35 serviceable age bulls that will average 18 months old and over which should appeal to breeders, farmers, and ranchmen. The 15 younger bulls will be ready for service in the near future. 15 choice bred heifers carrying the service of top bulls including bulls which have been imported and bulls that have won top ranking in national shows. 15 beautiful open heifers sired by leading sires of the breed. 4 excellent young cows with calves at foot and re-bred. The consignors are:

Frank Adams & Son.....**Hartley, Iowa**
Gus Anderson.....**Hartley, Iowa**
C. H. & R. D. Arthur...**Spirit Lake, Iowa**
Bennett Camery.....**Worthington, Minn.**
Melvin Camery.....**Worthington, Minn.**
Dewar Bros......**Cherokee, Iowa**
S. A. Donahoe.....**Sioux Falls, S. D.**
Bert Gable.....**Hartley, Iowa**
Dick B. Geerdes.....**George, Iowa**
Robert W. Hall.....**Larrabee, Iowa**
Ervin H. Hamann.....**Inwood, Iowa**
Held Bros......**Hinton, Iowa**
Ralph Hellinga.....**Harris, Iowa**
Geo. A. Helmers.....**Sibley, Iowa**
Ottomar H. Leckband.....**Ocheyedan, Iowa**
Martin Luinstra.....**Harris, Iowa**
Winn F. McCune.....**Luverne, Minn.**
Laurence McHugh.....**Peterson, Iowa**
Roscoe Mayne & Son.....**Armstrong, Iowa**
Otto Bros......**Hartley, Iowa**
Clyde Palmer.....**Harris, Iowa**
Alfred J. Petersen.....**Alpha, Minn.**
Peter I. Petersen, Fairview Farm.....**Harris, Iowa**
Harold Rhodes.....**Spencer, Iowa**
Kenneth Riedemann.....**Hartley, Iowa**
H. A. Sindt.....**Rock Rapids, Iowa**
Swanson Bros......**Estherville, Iowa**

You can travel any distance to this sale without fear of disappointment. Buyers will find an outstanding selection of quality cattle. Come early and see the show. Ask for **FREE** catalog. Kindly mention this publication. Address

ALBERT J. HAMANN, Secy.-Mgr., ROCK RAPIDS, IOWA

Auctioneer, J. E. Halsey

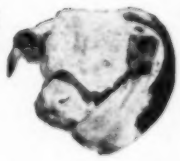
Adel Hereford Sale

In comfortable pavilion, located 20 miles west of Des Moines at

Adel, Iowa, Saturday, Jan. 7

75 BULLS — 35 FEMALES

POLLED and
HORNED
HEREFORDS



This is the best offering we have ever sold. They are suitable for good herds. Bulls that will make herd-headers and females of foundation character. In the sale heretofore some of the best cattle sold during the season have been listed in sale. Top individuals from some of Iowa's leading herds. Choice richly-bred individuals, displaying type and merit. You can find many bulls of serviceable age, both **POLLED** and **HORNED** . . . suitable for real herd-headers. The 75 bulls are most all of serviceable age, a bull to fill any demand. The females include cows with calves and rebred, bred cows and heifers and attractive open heifers. The sort for improvement. The consignors are:

Ray O. Stark.....**Boxholm, Iowa**
Harvey C. Davis.....**Orient, Iowa**
N. M. Leonard & Son.....**Waukee, Iowa**
C. C. Grandfield.....**Lorimor, Iowa**
Virgil Russell.....**New Virginia, Iowa**
C. H. McKinnie & Son.....**Afton, Iowa**
Herman Wurster & Sons...**Clearfield, Iowa**
Meredith Farms.....**Des Moines, Iowa**
Dean L. Culver.....**Panora, Iowa**
Z. A. Wynkoop & Son.....**Earlham, Iowa**
Robert Linn.....**Stuart, Iowa**
A. Cecil Walker.....**New Virginia, Iowa**
Albert P. Forret.....**Booneville, Iowa**
Frank & Ralph Binder...**St. Charles, Iowa**
Floyd Janssen.....**Thornton, Iowa**
Wimmer Herefords.....**Afton, Iowa**
Carl A. White.....**Truro, Iowa**
John J. Ryan.....**Prole, Iowa**
Morris M. Sundell.....**Ogden, Iowa**
Kenneth O. Payne.....**Earlham, Iowa**
Thomas Crawford.....**Mercer, Mo.**
R. C. Mack.....**Truro, Iowa**
J. A. Stovall.....**New Sharon, Iowa**
Marshall E. Mack...**Grand Junction, Iowa**
Glenn Z. Randau.....**Ames, Iowa**
Ernest Day & Sons.....**Grimes, Iowa**
Pullman Stock Farm.....**Sidney, Iowa**
Donald S. Burgess.....**Panora, Iowa**
Mrs. John Kelleher.....**Winterset, Iowa**
J. C. Moore.....**Perry, Iowa**
H. K. Bliss.....**Lacona, Iowa**
Brammer & Plagman.....**Cumming, Iowa**
Doyle Bedwell.....**St. Charles, Iowa**
Grimes Hereford Farms.....**Grimes, Iowa**
Carl Symonds.....**Cumberland, Iowa**
O. Vernon Smith.....**Panora, Iowa**
I.I. Polled Hereford Farm..**Diagonal, Iowa**
Albert DeWitt & Son.....**Peru, Iowa**

Some of Iowa's best cattle will sell, a place where you can buy top cattle at your own price. There will be 20 **POLLED HEREFORD** cattle in the sale. The cattle will be presented in good, strong breeding condition, which is to the advantage of the prospective buyer. The large number affords a wide selection. All cattle **T.B.** and **Bangs** tested. Make plans to attend. Ask for the **FREE** catalog. Please mention this publication. Address

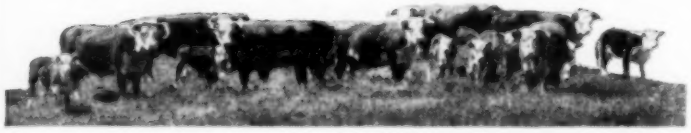
ALBERT DeWITT, Sale Mgr., PERU, IOWA

Auctioneer, Fred Chandler — M. T. White, Fieldman

Select Hereford Sale!

In Comfortable Sale Pavilion

Orient, Ia., Thurs., Jan. 12



70 Head—30 Bulls, 40 Females

These cattle have been carefully selected after three weeks of inspection and with over 4,000 miles of travel in visiting the herds and have been drawn from the leading herds. The females are a beautiful lot and include cattle that have been shown at the leading District fairs and State Fair and placed well up in their class. Many will be mated to leading herd sires, a number of top quality open heifers and some most attractive heifer calves sell. They represent the best in blood lines. The bull offering is especially strong and includes a great lot of herd bull prospects. The consignors are:

Meredith Farms.....**Des Moines, Iowa**
Amos Hereford Farm.....**Indianola, Iowa**
Henry Weinkoetz.....**Afton, Iowa**
Walter J. Blauer.....**Afton, Iowa**
Wimmer Hereford Farms.....**Afton, Iowa**
Bernard Miller.....**Kent, Iowa**
Orville Allen.....**Gravity, Iowa**
Lloyd Crinigan.....**Coon Rapids, Iowa**
Donald Burgess.....**Panora, Iowa**
T. M. Hayden.....**Creston, Iowa**
Floyd Woods.....**Orient, Iowa**
Wayne Wilson.....**Greenfield, Iowa**
C. C. Granfield.....**Lorimor, Iowa**
Grimes Hereford Farm.....**Grimes, Iowa**
Alva Goff.....**Chariton, Iowa**
Perrin Hereford Farm.....**Chariton, Iowa**
Chandler Hereford Farm....**Chariton, Iowa**
Adolph Beck.....**Lenox, Iowa**
George Peterson.....**Hepburn, Iowa**
W. F. Asmus & Son.....**Audubon, Iowa**
Otis Teeters.....**Coon Rapids, Iowa**
Carl Symonds.....**Cumberland, Iowa**
Ira Reed.....**Orient, Iowa**
Wayne Sheriff.....**Orient, Iowa**
Wm. Haines.....**Fontanelle, Iowa**
C. L. Neismeier.....**Lorimor, Iowa**

The large number affords a wide selection in both bulls and females. You can find a bull to fit any demand. The females will make foundation cattle. The sale committee who selected the cattle believe this is the greatest offering that will be sold in southern Iowa this season. Plan to attend. Ask for FREE catalog. Kindly mention this publication. Address

HAROLD KILLION & WAYNE WILSON, GREENFIELD, IOWA

Auctioneers, Fred Chandler and Henry Howe — M. T. White, Fieldman

Coming Livestock Sales

ABERDEEN ANGUS

Feb. 6-7—Iowa State Angus Show and Sale, Cedar Rapids, Iowa; Garold D. Parks, Secy., Ames, Iowa.
Mar. 6—Penney & James, Hamilton, Mo.; J. B. McCorkle, Mgr., Suite 3710 A. I. U. Bldg., Columbus, Ohio.
Mar. 13—Interstate Breeders Show and Sale, Sioux City, Iowa; P. K. Pratt, Secy., Walnut, Iowa.
Mar. 25—Mercer County Breeders, Aledo, Ill.; Hugh McWhorter, Secy.

HEREFORDS

Jan. 4-5—East-Central Iowa Hereford Association Show and Sale, Davenport, Iowa; Roy Wiese, Mgr., Donahue, Iowa.
Jan. 7—Adel Hereford Sale, Adel, Iowa; Albert DeWitt, Mgr., Peru, Iowa.
Jan. 12—Orient Hereford sale, Orient, Iowa; Harold Killion, Mgr., Greenfield, Iowa.
Jan. 23-24—Iowa State Show and Sale, Cedar Rapids, Iowa; J. C. Holbert, Mgr., Box 492, Washington, Iowa.
Feb. 23—John Wisdom & Sons, Des Moines, Iowa.
Mar. 9—West-Central Iowa Assn., Denison, Iowa; L. S. Curran, Mgr., Floyd, Iowa.
Mar. 20—Iowa Hereford Cattle Breeders Assn., Sioux City, Iowa; F. W. Ketelsen, Secy., Everly, Iowa.
Mar. 20—Wilton Farms, Davenport, Iowa.
Mar. 21—Otto V. Battles, Maquoketa, Iowa.

POLLED HEREFORDS

Jan. 7—Adel Polled Hereford Sale, Adel, Iowa; Albert DeWitt, Mgr., Peru, Iowa.
Feb. 9—Northwest Iowa Assn., Sioux City, Iowa; Ed Krise, Mgr., Rock Rapids, Iowa.
Mar. 9—West-Central Iowa Assn., Denison, Iowa; L. S. Curran, Mgr., Floyd, Iowa.

SHORTHORNS

Jan. 10—Tri-State Breeders Show and Sale, Sibley, Iowa; Albert Hamann, Mgr., Rock Rapids, Iowa.
Jan. 12—Select Hereford Sale, Orient, Iowa; Harold Killian and Wayne R. Wilson, Mgrs., Greenfield, Iowa.
Feb. 15—35th Annual Spring Show and Sale, Omaha, Neb.; Merv F. Aegerter, Mgr., Seward, Neb.
Feb. 20—Marshall County Breeders, Marshalltown, Iowa; Geo. H. Lewis, Mgr.
Feb. 27—Southwest Iowa Breeders, Red Oak, Iowa; Roy A. Gilman, Mgr., Stuart, Iowa.
Mar. 3—Illinois State Sale, Normal, Ill.; Hal Longley, Mgr., 16 S. Locust St., Aurora, Ill.
Mar. 6-7—Interstate Show and Sale, Sioux City, Iowa; F. E. Jackson, Secy., Hurley, S. D.
Mar. 11—Minnesota State Show and Sale, Blue Earth, Minn.; N. T. Findahl, Mgr., Waterville, Minn.
Mar. 13—Missouri State Sale, Chillicothe, Mo.; Merv F. Aegerter, Sale Mgr., Seward, Neb.
Mar. 13-14—Iowa Royal Show and Sale, Des Moines, Iowa. Albert Hamann, Mgr., Rock Rapids, Iowa.
Mar. 17—Breeders Sale, Abingdon, Ill.; Hal Longley, Mgr., 16 S. Locust St., Aurora, Ill.
Mar. 27—Northwest Missouri Breeders, Maryville, Mo.; Jim Meyer, Mgr.
Mar. 28—Sioux Empire Club, Sioux Falls, S. D.; Al Halverson, Mgr.

POLLED SHORTHORNS

Feb. 16—35th Annual Spring Show and Sale, Omaha, Neb.; Merv F. Aegerter, Mgr., Seward, Neb.
Mar. 8—Hawkeye Downs Sale, Cedar Rapids, Iowa; Earl S. Girton, Mgr., Box 282, Marshalltown, Iowa.
Mar. 15—North Iowa Sale, Spencer, Iowa; Earl S. Girton, Sale Mgr., Box 282, Marshalltown, Iowa.
Mar. 16—South Dakota Breeders, Sioux Falls, S. D.; Eric H. Thormodsgaard, Sale Mgr., Hudson, S. D.
Mar. 18—Illinois State Sale, Normal, Ill.; Hal Longley, Mgr., 16 S. Locust St., Aurora, Ill.

MILKING SHORTHORNS

Dec. 20—M. M. Reeser, Sunnybrook Farm, Walnut, Iowa (Dispersion); sale at Princeton, Ill.

BERKSHIRES

Feb. 22—Milo Wolrab, Mt. Vernon, Iowa.

CHESTER WHITES

Feb. 9—Roy V. Copp, Glidden, Iowa.
Feb. 13—Ross Willey, Onawa, Iowa.
Feb. 17—R. A. Reimenschneider, Kingsley, Iowa.
Feb. 18—C. T. Keen & Sons, Legrand, Iowa.
Feb. 20—B. F. Heid & Sons, Hinton, Iowa; sale at Sioux City, Iowa.
Feb. 22—Seth Johnson, Kiron, Iowa.

DUROC JERSEYS

Jan. 23—Kuniek Bros., Riverside, and Harold C. Timm, Muscatine, Iowa.
Jan. 25—Bert Broek & Sons, Hull, Iowa.
Jan. 26—J. B. Geerdes & Sons, Everly, Iowa.
Jan. 31—Pearson Stock Farm, Radcliffe, Iowa.
Feb. 2—Juhl Bros., Laverne, Minn.
Feb. 6—Elmer Willey, Vincent, Iowa.
Feb. 7—S. C. Schrage, Eagle Grove, Iowa.
Feb. 8—W. H. Helmke & Sons, Reinbeck, Iowa.
Feb. 9—Gregor F. Vaske & Sons, Dyersville, Iowa.
Feb. 10—A. B. Thomas & Sons, Iowa City, Iowa.

HAMPSHIRES

Jan. 14—Fruehaf Farms (Dispersion), Cedar Rapids, Iowa.
Feb. 22—George Lippold, Jr., Avoca, Iowa.

POLAND CHINAS

Jan. 30—L. R. McClarnon, Braddyville, Iowa.
Feb. 11—Iowa Poland China Breeders Assn. Sow Sale, Cedar Rapids, Iowa; Fred W. Morgan, Secy., 5801 College Ave., Des Moines, Iowa.

SPOTTED POLAND CHINAS

Feb. 21—Jack Zimmerman, Earling, Iowa.

YORKSHIRES

Feb. 22—Breeders Sale, Clinton, Ill.; Miss J. Roberts, Mgr., McLean, Ill.

SHEEP

Jan. 21—Southwest Iowa Purebred Breeders Assn., Winterset, Iowa; Frank C. Frederick, Secy., Corning, Iowa.

LIVESTOCK FIELDMEN

M. T. WHITE, 604 No. Fortieth St., Omaha, Nebraska. Phone Walnut 1056.
J. E. HALSEY, 1912 Grand Ave., Des Moines.
M. W. BONEY, Box 740, Storm Lake, Iowa; Phone 970-R.

We publish the FIRST and THIRD Saturday of every month. Copy for livestock advertising must reach our office FIFTEEN days before date of issue.

Livestock News

Tops of $550 were made in the sale at Ogden, Iowa, December 2, of Shorthorns from W. P. Lorenzen's Bevita Stock Farm, Pilot Mound, Iowa.

E. Augusta Lady 9th and bull calf by Claymore Goldstick sold for $550 to L. H. Gerke, Cambridge, Iowa. D. Augusta Lady 7th and heifer calf, also by Claymore Goldstick, sold at the same price to Emery Black, Nevada, Iowa. Both top females were rebred to Kelburn Satisfaction, dark red son of Mount Banker Hope.

Top bull was Bevita Barrage, a 12-month-old roan, which sold for $310 to C. W. Given, Paton, Iowa. The 12 young bulls averaged $220, with 42 females, including several yearling heifers, averaging $274. Five 4-H calves averaged $155.

The sale was managed by Merv Aegerter and cried by J. E. Halsey. The entire offering sold to Iowa buyers.

Around the Farm AND IN THE Feed Lot

by E. A. KELLOWAY

THERE ARE well over 450,000 cattle on feed in Iowa, so any suggestions on saving labor in cattle feeding ought to be in order. Rex Beresford, Ames beef specialist, reminds feeders that they can save a lot of time and effort by having feed, shelter, lots and gates all conveniently arranged. He also urges the best there is in the way of automatic waterers for the cattle and, of course, large capacity self-feeders make it possible to handle full loads of feed with a minimum of labor.

AN IOWA STATE COLLEGE livestock specialist, E. L. Quaife, had a very timely and worth-while suggestion to all those raising fall pigs when, in an announcement made in October, he urged farmers not to overlook minerals in rations for fall pigs. Quaife went on to say it's quite all right to force-feed minerals to fall pigs, but that in addition they should have access to minerals in a self-feeder.

THERE WAS ONE WEEK, earlier this fall, when plowing champions were about a dime a dozen, with some six or seven states each claiming one of the coveted titles. Dean Wilson, of Ohio, retained the national contour championship before some 60,000 people near Runnells. Paul Stiefbold, of Illinois, and Leo Drake, of Missouri, tied for precision plowing honors in the level land matches. In the national terrace building championship, there was another deadlock between Del Retzlaff, of South Dakota, and Quint Nilson, of Iowa.

CLEAN, SANITARY pens with proper ventilation help keep pigs in thrifty, growing condition during the cold days of winter. Walnut Grove Minerals also will play an important part in this work. Customers in Buena Vista county who use Walnut Grove in all their rations include Rehnstrom Bros., Alto Mosbo, Ed Breckenfelter, George Anderson, Vincent Pritchard, Glen Hadenfielt and Paul McCabe. These men are receiving their Walnut Grove service through our representative in that territory, S. E. Hesla, of Rembrandt.

WITH CHRISTMAS coming up in a short time we'll all be thinking about Christmas trees, and we ought to also be thinking about evergreens for next year's windbreaks. Forestry experts tell us that it's a good idea to plant more than one kind of evergreen, because this plan allows for a combining of the advantages of each kind of tree. A good combination is Douglas fir on outside rows, one of the pines in the center, and spruce for the inside rows.

AN INTERESTING comparison of feeding efficiencies of hogs at various weights has recently been made at Iowa State College. The experiment involved sixteen hogs that were raised to a weight of 225 pounds each, twelve others to an average of 300, and nine others to an average of 400 pounds. The amount of meat produced was the greatest on the sixteen light-weight hogs, whereas the nine heavy-weights had by far the largest amount of lard. Significantly, the light-weight pen required some 2,500 pounds less feed to produce a substantially greater return in the most profitable pork, even though there were seven more mouths than in the heavy-weight lot.

IT'S BUTCHERING TIME, but perhaps it's just as well that farmers are letting up on it a little. Anyway, it seems as tho the art has been lost to some extent, as shown by a recent Kansas incident. A fellow on a little acreage decided to butcher a hog, so he got a kettle of water to boil and decided to shoot the hog. The revolver jammed, and as he opened the gun a cartridge dropped into the fire and exploded. The bullet struck the would-be butcher, causing a serious wound. As for the hog, he walked away none the worse for his experience.

WALNUT GROVE has always kept up with the times concerning livestock mineral feeds. When Walnut Grove can be improved, it always has been improved. This is what makes it the outstanding quality mineral today. Among our many customers in Fayette county, Iowa, who feed Walnut Grove because of its quality and its action in their feedyards, we find A. H. Berns, Linnias Hildebrand, Grafenberg Bros., on two farms, Donald Jensen, Knut Osmundson, Don Bolton and Otto Schumann. Our long-time representative, Harold Glascock, of West Union, Iowa, looks after this business for us.

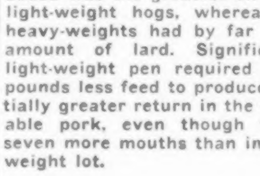
MOST UNUSUAL development at the recent International took place when two "city slickers" won second place in the barrow contest. Entry was a Chester White hog, "Mr. Light Green Smith." Owners were a salesman and a night club piano player. They bought "Mr. Smith" last September and fed him in their back yard. When they won the prize, they were about the most surprised pair in the country—and so was everyone else.

THE FARMERS' STAKE in high, well-paid employment for labor again is shown in a report from the Labor Department showing that U. S. workers have the edge over all others in the world, except in Australia, when it comes to getting food for their families. Next to Australia and the U. S., workers in Norway, Canada and Denmark are best off. Those in Ireland, France, Germany and Italy are not half as well off as U. S. workers, and Russian labor must put in four to seven times as many hours as our workers to buy a given quantity of food.

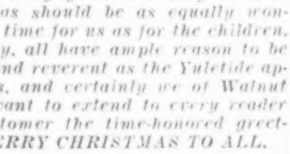
WATER CAN PLAY a most important part in the health of livestock, especially in the winter. This is a good time of year to get the water carriers in good shape so they will function properly throughout the cold weather. Among our many customers in Johnson and Iowa counties, Iowa, who give livestock this special attention during the winter and feed Walnut Grove in all their rations, we find John Mathias, Alf Wegmueller, Willard Johnson, Clarence Swartzendruber, B. D. Gingerich & Son, George Ropp and Ed Swartzendruber. They secure Walnut Grove from our representative in that territory, Joe Yoder, of Wellman.

YOU WON'T NEED to remind your youngsters that Christmas is almost here. For some time now, the kids have all been very good and very excited. Christmas should be as equally wonderful a time for us as for the children. Certainly, all have ample reason to be joyous and reverent as the Yuletide approaches, and certainly we of Walnut Grove want to extend to every reader and customer the time-honored greeting—MERRY CHRISTMAS TO ALL.

Walnut Grove Minerals



FOR PROFITABLE GAINS WITH HOME GROWN GRAINS



SOLD ONLY BY *DEPENDABLE REPRESENTATIVES*
★ HOME OFFICE ATLANTIC, IOWA

Livestock News

A 60-lot average of $210 was made at C. A. Iverson's Hereford calf sale, at Colo, Iowa, November 26. The offering included the entire calf crop from late 1948 to June, 1949, and all were sired by Royal Triumph or WHR Royal Tredway 4th.

Top was the April bull calf, Royal Tredway 39th. He sold for $480 to Kozik Bros., Elberon, Iowa. Joe Skow, Wesley, Iowa, paid $230 for Royal Triumph 60th, a February bull calf.

Eight yearling heifers averaged $296, six yearling bulls averaged $276. The 22 heifer calves averaged $183 and 24 bull calves $190. Auctioneer J. E. Halsey sold all animals to Iowa buyers.

A top of $400 was reached in the R. A. Riemenschneider Chester White sale at Kingsley, Iowa, October 14. Martin Vust, Ellsworth, Minn., paid this price for a March-farrowed pig which was junior champion boar at the Sioux Empire Show.

Next high boar sold for $350 to W. F. Browning, Mayview, Mo. The sale's 47 boars averaged $146.

Thirteen spring gilts sold for an average of $92. Clifford Wills, Sibley, Iowa, paid top gilt price of $130. Auctioneer J. E. Halsey sold most offerings to Iowa buyers, with a few going to Wisconsin, Minnesota, South Dakota and Nebraska.

An average of $600 on 63 lots was made at the Evans-Catterson-Archer Angus sale, at Maryville, Mo., November 14. Sale top was Ever Genda 2d, a Ballindalloch Georgiana cow. She went to Mershon Farms, Creston, Iowa, at $1,725.

Two other cows sold at $1,000 or higher. Blackcap Bessie Glencarnock 3d went to T. R. Jones, Tuckerman, Ark., at $1,675, and Jungle Maid 7th to F. L. McCormick, Jr., Huntsville, Mo., at $1,000.

Iowa buyers took 29 head, Missourians bought 46, Nebraska got 4, Kansas 6, Arkansas 3. Roy Johnston and Ray Simms did the selling.

Thirty head of Herefords sold at an average of $432 in the dispersion sale of J. T. Triplett, Rockwell City, Iowa, held at Sac City on December 1. Top cow was Domino Queen 81th, which sold to R. K. Anderson, Ledyard, Iowa, at $800. Lass Bocaldo went to Janssen Bros., Gilmore City, Iowa, for $775.

Triplett's herd bull, Royal Silver Domino, went to E. P. Baker, Pomeroy, Iowa, at $650. Silver Knight was purchased by Bernard Trotter, Goldfield, Iowa, for $605. Auctioneer Jewett Fulkerson did the selling.

The Hereford dispersion sale of Earl E. and G. L. Schoebert, at Sioux City, Iowa, November 26, made an average of $266 on 46 cows and heifers and $287 on 13 bulls.

Sale top was the herd bull, W. Battle Intense 9th. He went to F. W. Knapp, Hinton, Iowa, at $535. Second herd sire, Model Domino 2d, went to Irwin Stutebelt, Humboldt, Neb., at $4110.

Top cow was Diana Domino, selling at $4110 to Henry Probst, Wilmot, Minn. Auctioneer was Charles Corkle.

The Angus dispersion sale of C. C. Pickerell & Son, at Chariton, Iowa, November 7, moved 82 head at an average of $225. Seventeen bulls, all calves except one, averaged $72. Females averaged $270 on 65 head.

Top cow sold at $525 to Miller, of Nebraska. Frank McKinney, King City, Mo., took Burr Oak's Choice at $520. Auctioneers were Roy Johnston and Ray Simms.

Jersey Herds Classified

Purebred cattle in six more Iowa Jersey herds recently were classified by Prof. Arthur R. Porter, of Iowa State College.

Eleven head in the herd of D. L. Armann, Polk City, classified one excellent, three very good, six good-plus and one good.

Fourteen head owned by F. J. Paullus, Sheffield, classified five very good, eight good-plus and one good.

The nine animals in the herd of Nabholtz & Bernhart, Oelwein, ranked five very good, two good-plus and two good.

Russell D. Sheckler, Fairfield, had five head classified; two ranked very good and three good-plus.

Seven were classified in the Bert W. Sams & Son herd at Beaman. Four were very good, two good plus and one good.

Five Jerseys owned by Russell Lyon, Traer, ranked three good-plus and two good.

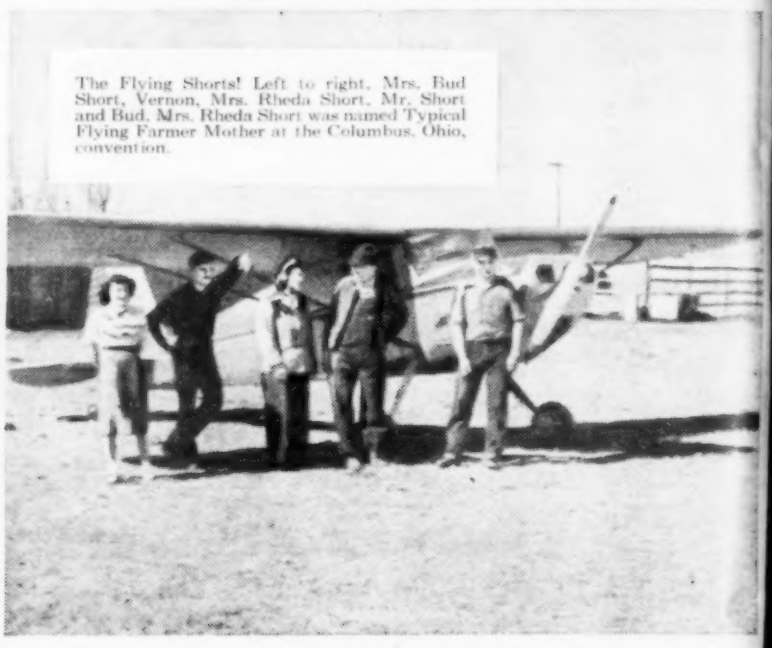
Holstein Sire Honored

The purebred Holstein sire, Maytag Ormsby Fobes (V. G.), owned by Maytag Dairy Farms, Inc., Newton, Jasper county, Iowa, has been awarded the highest honor a Holstein-Friesian sire can attain. He was recently designated as a gold medal proven sire by the Holstein-Friesian Association of America.

To qualify as a gold medal sire, the daughters of a bull must have reached a high peak of milk production and have attained high standards of body conformation according to the ideal Holstein-Friesian score card.

The Tank Truck

Haying time for Holsteins! Left to right are M. C., and Vernon Short. The sons have served as State Treasurers of the 4-H clubs.



The Flying Shorts! Left to right, Mrs. Bud Short, Vernon, Mrs. Rheda Short, Mr. Short and Bud. Mrs. Rheda Short was named Typical Flying Farmer Mother at the Columbus, Ohio, convention.

Wyoming Farmers Up In The Air

The entire M. C. Short family are up in the air a good deal of the time.

The Shorts are a dairying family who keep a herd of 140 high-grade Holsteins on 580 acres of some of the finest farmland near Wheatland, Wyo. For cleanliness and tip-top maintenance, their farm is one of the showplaces of the section.

But that's not what they're up in the air about! The fact is, the Shorts are *very* enthusiastic Flying Farmers and all the members of the family are in on it.

Mr. Short has his student permit. The sons, Vernon and Bud, have private flying licenses. And their mother, Mrs. Rheda Short, has been flying for years.

But flying is not Mr. Short's only activity. He is a member of the Wheatland Irrigation District, a director of the Beet Grower's Association, and a member of the Agriculture Conservation District Board.

"Prior to using Conoco Nth Motor Oil exclusively," he writes, "I tried many others. They were all highly recommended, but I was not entirely satisfied with the results. I now use Nth oil in all my equipment.

"I have had *a minimum of repair bills. My costs of lubrication have been reduced materially*, and I do not run the risk of having equipment shut down or torn down, causing expensive repairs and delays."

So you see, although Mr. Short may be up in the air part of the time, he gets right down to earth when it comes to choosing the best lubricants for his farm equipment. Conoco Nth Motor Oil, *of course*, and all the other Conoco farm lubricants.

Old War Horse Runs Like New

"I have worked my 1,000-acre wheat farm for the past 10 years with the same tractor," writes Jack Huntsinger, Conrad, Mont. "During this long period of service, this Twin City FTA tractor had only one major overhaul job, and that only a couple of years ago.

"I was not at all surprised to find that 'the old war horse' was almost still like new from a mechanical standpoint. I have purchased a new Cletrac BD tractor, and this new tractor will be given the same assurance of a long life, free from troubles, by being lubricated with Conoco Nth Motor Oil and other Conoco Products."

Frozen Cranberries

* * *

By Mrs. V. E. Harris
R. 2, Fairbury, Nebr.

1 quart cranberries
2 cups water
¾ cup raisins
2 egg whites
2 cups sugar
2 cups water

Boil cranberries, raisins and two cups water 10 minutes. Strain through fine sieve. Boil two cups sugar and two cups water 20 minutes and add to first mixture. Cool and freeze. When half frozen add the whites of two eggs beaten light and finish freezing.

Send your favorite recipes to Mrs. Annie Lee Wheeler, Conoco Cafeteria, Ponca City, Oklahoma. A $7.50 pair of Wiss Pinking Shears awarded for every recipe published with your name. All recipes become property of Continental Oil Company.

FARM KITCHEN

Discussing the heavy cotton-growing land are Robert Underwood, Conoco Agent Roy Busby, Bart Underwood

Conoco Can Stand the Gaff

There's waxy land around Waxahachie, Tex.—tough to farm. But J. B. (Bart) Underwood and his sons, Robert and J. B. Junior, have found a way to handle it.

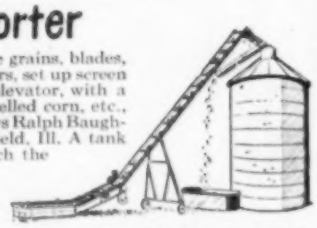
"When you operate 8 tractors, 3 trucks, 3 pickups, a thresher, haypress and other equipment in farming this heavy black waxy land around here," Bart Underwood reports, "you must have a lubricant that can stand the gaff. It's no job for a softie—man, tractor or oil.

"In these days of high prices—tractors and labor cost a lot of money. We just can't afford to be plagued with breakdowns, loss of time and repairs. We *must* have an oil that can take it. *We get it in Conoco Nth Motor Oil.*

"In fact, when you consider that we have spent only an average of $26.8[illegible] per year for major repairs for the past 8 years, you know that Nth oil is doing the job."

Corn Sorter

To screen out loose grains, blades, husks and small ears, set up screen of ¼" rods under elevator, with a trough to carry shelled corn, etc., away from crib, says Ralph Baughman, R. 2, Smithfield, Ill. A tank or wagon will catch the screened grain.



Field Measurer

Measure around tractor wheel, then tie cloth to wheel. Drive slowly, count the turns of the wheel. Multiply turns by measurement around wheel for total distance, suggests John Duesman, R. 1, Lawton, Okla.

PRIZES FOR IDEAS! Send your original ideas to *The Tank Truck* in care of this paper—and get a genuine $8 D-15 Henry Disston Hand Saw for every idea that's printed!

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